THE MARROW OF Chymical Physick;

OR,

The Practice of Making Chymical Medicines.

Divided in Three Books:

VIZ.

Shewing the true and perfect Order to Distil, or Draw forth from Vegetables, Minerals, and Metals, their Spirits, Oyls, Vinegers, Salts, Extracts, or Tinctures, Essences and Magisteries, Flowers, and Salts, &c.

Whereunto is added at the end of every such Preparation, its most excellent Vertue and Medicinal Use, for the Preservation of Health, and Restoring the Diseased to Sanity,

A rare Way of Making Metaline Glass of any colour whatsoever. Very useful for the making Artificial Rubies, Saphirs, Jacinths, &c. Likewise for the Enamiling of Rings, or for Jewels; being very excellent and easie.

By W. T. *Philo-Astro-Medicus, and Student in Chymistry.*

London, Printed by *T. J.* for *Peter Parker* at the White Lion in *Billiter-Lane*. 1662.

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MVSEVM
BRITAN
NICVM

TO THE READER.

Courteous Reader,

HAving from my youth delighted in the Art of Chymistry, at length by help of my very good Friend Dr. *Bolnest*, I received some Methodical Instructions. Part of my Studies and Endeavors having collected together, I here present you with, being drawn from the best Authors, and most of my own experience, and brought into such a Method, that by help of this Book onely, may be truly prepared all Vegetables, Animals, Minerals, and Mettals, into

excellent and efficacious Medicines in so plain a Method, that if thou tread the Hermetick Path aright you may by help of what I have written, finde the way to do thy self and Countrey good; And if thou by my painful Pleasure doest but procure to thy self some knowledge more than thou hadst, or cause any good to be done to the Diseased, it is all that is aimed at by

At the Sign of the *Razor* by the May-pole in *East-Smithfield*.

W. T.

Chymical Physick.

Book I.

What the Distillation of Chymical Medicines are; the Kindes thereof, with the Instruments and Vessels thereunto belonging.

YOu may observe that our Chymical Preparations here intended, are no other than a noble and ingenious way of preparing of Physick, for the benefit of the Sick, and credit of the Physitian, by the Art of Distillation; which Art, as some affirm, came first to knowledge from the Arabians, as the first Inventers thereof: but as this is not very easie to prove, so 'tis not much material to our purpose. We ought to understand that the Art of Distillation is the separating, or drawing Juices, Liquors, and other

Moistures more subtile (by vertue of different heats, as the matter may require) from most kinde of things. Or Distillation is by Art to separate a running Moisture first in vapors, arising to the head of the Still, and from thence is condensed and turned into liquor, running into the applyed Receiver: or it may be termed the changing of gross Bodies into thin and pure substances, separating the most pure part from the corrupt; or the making things perfect, which are yet immature or unperfect, by which way matter or things are brought to a far greater purity, with augmentation of their Vertues. Also by this Art of Distillation, are separated the pure, essential, Spiritual Humidity, from the watry or flegmatick Matter. Or in few words, by Distillation may (from Herbs, Flowers, Roots, Seeds, Berries, Woods, &c.) be drawn Spirits, Flegms, and Oyls, and from their Fecies by expression a Vineger, and out of those Fecies after calcination, their fixed Salt. Out of Gums and Rozins are produced Spirits, Oyls, and at last a Balsom, or Red Oyl. In Salts, Minerals, and Mettals, are various preparations, too tedious here to relate, the particulars you may find in the Treatise. For in this Art are many,

and

and various Considerations necessary to be learned, that is according to the matter to be distilled, to use seemly and proper ways whereby the Work may be brought to a happy end. Now all manner of Distillation may be performed divers ways, and in divers Vessels, according to the judgement and pleasure of the Operator, yet ought he carefully to minde that way most expedient for the guiding the Work after the best manner, and for that purpose to use such Vessels and Instruments most expedient for his intended Work. As for the Distilling of Herbs, Roots, Flowers, Leaves, Berries, for the obtaining their Spirits, Oyls, Vinegers, and Salts, there necessarily goeth before Distillation, Infusion and Fermentation. As for Vessels and Instruments useful in other Distillations, read in their proper places.

Of Lutum Sapientia, *or Chymical Lutes.*

BEfore we Treat of Distillations, it is convenient to declare the manner of Luting or Defending the Vessels from the violence of the Fire, and for the closure of the Joynts of the Vessel, which many neg-

lecting, do thereby looſe their beſt Volatile and Penetrating Spirits, and ſo their Medicine becomes leſs efficacious, than if care had been taken; and for the prevention of ſuch dangers, I have here at large deſcribed ſeveral ſorts of Lutes, as followeth.

The beſt Lute for building of Furnaces, is made of ſifted Potters Earth; or in defect of that, good Lyme, being laid abroad: ſift into it a little fine Sand, and adding ſome Horſe-dung, mixing the ſame with Brine of Fleſh, or Salt-water, after incorporate and labour it well together with great diligence, the more the better; and if you add the Caput Mort of Aquafortis, firſt made ſoft by the addition of water, and mix them all well, this Clay will not crack, but remain fixt in the fire. Some add fillings of Iron, powdered Glaſs, *&c.*

If equal parts of the Caput Mort of Vitriol, or Aquafortis, be mixt with Tobacco-pipe Clay and ſome Horſe-dung, it ſerves for the Coating of Glaſſes, and ſo will the former.

For the Cloſure of the Joynts of Glaſſes, you may firſt cloſe the Receivers to the Retorts with the aforeſaid Lute, and when dry you may ſmeer it over with a mixture made of equal parts of Red-led and Quick-lime, or

or Lime onely, ground well together with Lin-seed Oyl.

Or Tobacco-pipe Clay ground, or mixt with the White of an Egg, and spread upon a Cloath, and so applyed.

Or Ox-bladders dipped in the Whites of Eggs well beaten, and so applyed.

Old Loam and the White of an Egg, mix them into a Paste, and spread it upon a Cloath.

Or Linnen rags dipped in the water of Whites of Eggs, and applyed to the Cracks of Glasses, & so strowed powdered Quick-lime upon the same, put in two or three one upon the other.

Another Lute for broken Glasses is thus: Take old tough Rindes of Cheese, soak it in water all night, and then beat them up in a Paste, and spread them abroad upon a board, and strow upon it equal weight of Quick-lime powdered, and grinde them again; then mix them with well beaten Whites of Eggs, and make it into Paste.

Of the Structure of Furnaces for the Distilling of Vegetable Spirits and Oyls.



In this first Furnace A *represents the body of the Still, set in Brick-work.*

B *The Head of the Still.*

C *The Woodden Vessel, containing the Worm, and the Water to refrigerate, and condense the Spirits.*

D *The Receiver.*

This Form of Stills being common in use, need no farther Explanation.

This

This second Furnace was invented for the saving of cost and charges of a Copper-Still, and is to be understood as followeth:



A *Represents the Furnace, which may be built of Brick, or made of Iron, and so be carried from place to place, with a Cover fitted to it, and five Vent-holes to take off, and put on.*

B *Represents the Copper Globe, made with a long Neck, passing through the Furnace into the Distilling Vessel near the bottom, and to the mouth of the Globe that is in the Vessel, must have a Basket, or some thin cloath over it, that nothing but water may come into the Globe.*

G *The Distilling Vessel, containing the materials to be distilled, made of Wood, and well bound with Iron Hoops, and in the Head let*

be

be a great hole to put in the materials, which after the materials are in must be fast luted.

H *The Cock, to let out the water after Distillation.*

I *The Pipe from the Wooden Vessel passing into the Worm, which ought to be large, that the Spirit may seek no other passage.*

D *Represents the Vessel containing the Worm, or Refrigeratory.*

E *The Receiver.*

All the ill convenience that is in this way of Distillation, it performs not its work so quick as Copper Stills, yet less dangerous, because the degrees of fire cannot harm. The use of this Furnace followeth.

The manner of Distilling by the second Furnace.

THe Materials being put into your Distilling Vessel, let it be fast joyned to the Copper Globe in the Furnace on the one side, and to the Refrigeratory on the other, and the hole at the top where the materials are put in, kindle the fire under the Globe, until all the matter in the Distilling Vessel boyl well, and the Spirit arise and

and pass into the Refrigeratory, and there condensing runs into the Receiver; continuing the fire until all the Spirits be out of the Still, which is known by the taste.

Of the Distillation by Balneo; *and by Sand or Ashes.*



COnsidering that in the former Treatise of Oyl, I have mentioned Distilling by *Balneo Maria*, or by Water and by Sand, I thought therefore good here to make mention of the Forms of such kinde of Furnaces which seemeth to be best, although every man may vary his Form at his pleasure, and to his own conveniencies.

A A *Here represents the Fire-place, which ought to be fitted with Stopples of Stone.*

The

The inner part of the Furnace under the Kettles, ought to be round.

B *Is the Ash-hole, or the place where the Ashes are taken out, and to clear the Grates.*

D D *and* o *the Kettles wherewith to put Water or Sand in, for the placing the Bolt-heads, Retorts, or other Bodies for Distiliations or Digestion; and if you distil by* Balneo Maria, *or Water, you must have another Kettle with warm Water besides the Kettle your Retort or Long-body is in, to supply what evaporates.*

If you Distil by *Balneo Maria*, the Glass-body ought to be fixed to a plate of Lead that is round, and formed thus:



But between the Lead and the Glass ought to be some Straw or Cotton, to hinder the breaking of the Glass against the Lead.

E *Represents the Glass, a Limbeck, or Long-body.*

C B *Is*

C B *Is the plate of Lead whereon the Glass stands, and has a hole in the middle, that the heat may come to the Glass bottom.*

C C G *The strings fastened in the Lead.*

D D *The Collar about the Glass, to which the strings are fastened to the Glass-body.*

Now the Glass being made fast to the Lead, put it as near as you can in the middle of the Kettle, and then fill it up with water: which being done, make your fire under. The water that evaporates must be supplyed with hot water, that the Glass be not left dry.

As for Distilling in Ashes or Sand, let them first be sifted and strewed all over the bottom of the Kettles about three fingers thick, then place in your Glass, let it a little stoop or curuate to that side where you intend to place your Receiver, and then fill the Kettles full of Sand or Ashes, and after apply your Receiver; then make your fire first small, after increase it according to Art. If you intend to distil by moist Sand, which is the best way, toward the latter end, that your Oyl may not be burnt or taste of the Fire, then keep pouring into your Sand-Kettle where your Glass stands in, hot water; always supplying it with more

more hot water, until all the Oyl be come over, and the Distillation ended.

By help of these Furnaces may the Spirits and Oyls of Vegetables be made, that is, the first Furnaces serve for the making of Oyls, and these for the rectifying of them; and the oftener any Oyl is rectified from calcined Tartar it borrows, the more subtle, penetrating, and of much more vertue.

The Form of a Winde-Furnace, with the way of Distilling by an open Fire.



I Shall here in a brief way discover the Furnace, and manner of Distilling by a naked

naked Fire, used by Chymists for the distillation of the Spirits of Salt and Minerals, requiring a strong Fire: but first I shall explain the Furnace.

This Furnace may be built greater or lesser, at your pleasure, or according as your occasions serve, and may contain three or four Retorts at once, to be distilled at your pleasure; but I have proportioned this but for one onely. Let your Furnace be made like a Cillender, that is, round within, even from the bottom to the top.

A *Represents the Ash-hole, with Door or Stopple made to it, for the drawing forth of the Ashes, and clearing the Grates above this: within the Furnace let a Grate be placed of the same height.*

B *Representeth the way going into the Grate, or to put the fire in, which must be fitted likewise with a Door or Stopple, after this over-thwart you must bestow a strong Bar of Iron fenced with lute of Wisdom, which must reach from one side to the other of your Furnace, signified by the Letter* C, *to place te Retort there upon* D *the Retort, whose neck cometh out at* E, *which is a part of the Furnace left open till the Retort is in.*

E *The Cover of the Still, to be placed on after*

after the Retort is in likewiſe.

G *The Vent-hole at the top, fitted with a ſtopple.*

H *The Receiver, to be luted at the neck of the Retort.*

I *The Stool on which the Receiver ſtandeth. Likewiſe 'tis neceſſary there were, beſides the Vent-hole at the top, four Vent-holes on each ſide, fitted with ſtopples.*

The Furnace being thus well underſtood, and all things ready, your Materials being in the Retort of Glaſs coated, or Earthen Retorts, and ready to be diſtilled, ſet the Retort in the Furnace, ſo that the bottom ſtand upon the Iron Bar, and the neck of the Retort come out on the open ſide, ſtooping downward as in the Figure, then lute a Receiver to the neck of the Retort with good lute; which being finiſhed, put on the Cover, and lute it faſt to the Furnace, and cloſe up that open place where the neck of the Retort cometh out, very diligently, ſtopping the greateſt Vent-hole at the top, and leaving one or two of the ſmall holes open; let the Furnace be heated with a little fire, and ſtop cloſe the Door or Stopple B, but let the Stopple A be open, or almoſt open at leaſt, that it may have ſome air

air to preserve the fire, and after take out the lower Stopple, increasing your fire according to Art.

Of the Distillation of Spirit, or Aquavitæ, *from Lees of Beer, Wine, &c.*

TO procure Spirit from Lees of Wine, Beer, &c. need little preparation, by reason they freely of themselves yield their Spirits, unless they be grown dry by standing, which then must be made moist again, that they may not burn; and being well mixt may be put into the Distilling-Vessel, the Joynts well closed, and so distilled until all the burning Spirits are come. By the same Rule after fermentation may the Spirits of Pears, Apples, Herbs, Seeds, &c. be distilled.

To Draw Spirits from all manner of Corn, or Grain.

FIrst they must be prepared into Malt, and then ground, put into a Wooden Vessel, and pour upon the same so much cold water, as will mix it well; then after add

add so much warm water as will suffice to make the mixture moist, and but just warm; mix then with it some new Barm, cover it close, expose it to a warm place, and then 'twill ferment and ascend, and after the second or third day descend again: Then distil it, as before.

Spirit of Fruits, Herbs, Flowers, Seeds, Roots, &c.

SEed must be broken, or ground small. Fruit beaten in a Wooden Mortar and Pestle; Flowers, Herbs, Roots, onely cut small; and upon these pour warm water and ferment added to vivifie it as before, and so distilled.

Spirit of Herbs, Flowers, Seeds, Roots, &c. another way.

TAke eight Gallons of *Aqua Vitæ*, macerate in the same about 3 *l.* of any dryed Vegetable, let it stand till the next day, and distil it according to Art, and dulcifie it with the one eighth part of fine white Sugar.

Of

Of Chymical Oyls of Vegetables in general.

THey must be prepared as for Spirits; Woods must be rasped, upon which pour as much water as may make them swim, so that when the Distillation is ended, there may remain some water, that the Oyl may contract no stinking savour; let them stand until the next day, and then distil the same, and the Water and Oyl will come over; which let stand in a temperate place until the Oyl ascend above the water, or descend according to the nature of the Oyl, which after separate.

Oyl, or Essence of Vegetables.

LEt the Tincture of a Vegetable be extracted with good Spirit of Wine, which separate from fecies, and pour upon the same so much Spirit of Sulphur, as the one fourth part of the Spirit of Wine, digest it in a Long-body in Sand, until the Red Oyl swim at the top, which is Essence of that Vegetable the Tincture was extracted from, and must be separated with a Separating-Glass.

The

The Elixirating of Vegetables, or their true Eſſence.

BY the former Rules extract the Spirit, and Oyl; the Fecies calcine, and ℞ with the Water of the Vegetable extract the Salt which filter, and after congeal into a body of Salt, from which draw off the burning Spirits, and calcine the Salt again, rectifying the Spirit from the ſame ſo often, every time calcining the Salt, until the Spirit be ſo pure as that it will inbibe its own Oyl: then put the Salt dry and well calcined in an Earthen Pan glaſed, and ſet it in ſuch a place as may be open to the air, yet not in the leaſt toucht by any water; pour upon the ſame ſo much of the Spirit and Oyl as will juſt cover the Salt: cover it with a thin Lawn cloath, ſtirring it three or four times a day, inbibing it every day until the Salt has inbibed three times its weight of Oyl and Spirit, and this is true Elixir of the Vegetable.

Oyl

Oyl of Vegetables in general by Expression.

TAke what thing you please affording Oyl; stamp, beat, or grinde them small, put them in an Earthen Pan well glased, and moisten them with good rich wine, and set them over the fire until it be so hot that you cannot endure your hand in the same, stirring it well about, then put it into a square Canvas-bag, and press it strongly in a Wooden Press, and you obtain both Oyl and Water; keep the Oyl for your use. These Oyls have different vertues, according to the nature of the Vegetable they were made of, *viz.* Oyl of Hemp-seed maketh a man pleasant, merry, valiant, hardy, fierce to fight, void of fear; outwardly by Unction makes the face fair.

The Oyl of Raddish-seeds, made with Rhenish-wine, is an excellent Dissolver of the Stone, provokes Urine, driveth out Gravel, expels Winde.

Oyl of the Seeds of St. Johns-wort, is good against Poisons, Fluxes, Hemroids, Scabs, Ruptures newly begun, the place anointed, and wearing a Truss. It helpeth all manner of Wounds.

Of

Of the making most excellent, durable Balsams of Vegetables.

PRepare your Spirit, Oyl, and Salt, as in the Elixiration of vegetables, the Salt being often purified with the flegm of its own vegetables, and gently calcined every time (not melt) abstracting the Spirits every time from the calcined Salt, until they will assume their own Oyl; Then dissolve the Salt again in its own proper flegm, and admix it with the burning Spirits and Oyls, put them into a Bolt-head, stop it well that the Spirits may not exhale, let it stand in *B. M.* until it be firmly united, and turned into a white Balsam, and then let the Glass cool, and before 'tis quite cold pour it out into a pot, and 'twill congeal into a Balsam, which will dissolve in any liquor, and of very good odour and taste, for the same use as the vegetable, to be used Inward or outward; and by reason of the Admixtion of the Spirit of Salt, these Balsams are durable, and may be coloured according to the pleasure of the Artist, with the tincture of vegetables drawn with Spirit of Wine, and coagulated in the said Balsams.

Par-

Particular Ways of making Oyls of Spices, Herbs, Roots, Seeds, &c. with their Vertues and Uses.

Oyl of Cynnamon.

TAke of Cinnamon 2 ℔. grosly beaten, to it add of Tartar and decrepitated Salt, of each 4 ℥, mix them together, put them into a Glass body, and pour thereunto so much Spirit of Wine as will almost cover the same; fit thereto a blinde head, lute it close that no Spirits may exhale, set it in Horse-dung or *B. M.* for fourteen days, then take off the blinde head, and apply an Alimbeck close luted with its Receiver; distil it with moist Sand, increasing the fire by degrees, so you obtain both Oyl and Spirit, which separate and keep each close stopt for your use.

The Vertues of the Oyl and Spirit of Cinnamon.

This Oyl is very penetrating, and is good against all cold Diseases, especially for the Heart and Head, cures the shortness of Breath; although a man lay speechless with obstructions, and could scarce breathe, this would recover him. It helpeth all Diseases

coming of cold or flegmatick matter. It drives down Womens Terms, it bringeth forth Birth and After-birth, it helpeth the Cough, conſumeth old Fluxes, cauſeth quiet ſleep; it comforts the ſtomach, and exicates all noxious humours, corroborates the Heart, and is good in Feavers, Swoonings, Poiſon, by taking two or three drops in Venice Treacle. It helpeth all wounds quickly; alſo the Spirit is good againſt the Diſeaſes aforeſaid, but the Oyl exceeds: But if to one pint of the ſaid Spirit be added one ℥ of choice Myrrh, one ℥ of the beſt Aloes, and one ℥ of good Saffron, decrepitated common Salt and Tartar, of each three ℥, digeſt them together in a body and blind-head fourteen days, and then diſtilled in moiſt Sand, you obtain an Oyl curing all the aforeſaid Diſeaſes, and likewiſe the Cough, Catarhs, Agues of all ſorts, continual Feavers, Hectick Feavers, Aſthma, Epelepſis, Convulſions, Palſie, Digeſtion loſt, Tabres or Conſumption of the Lungs, Cachexia, or Conſumption of the whole body, the Doſe to ſix drops.

Oyl of Cloves.

THe making of this is the ſame with the Oyl of Cinnamon.

The

The Vertue of the Oyl of Cloves.

It strengthneth the Brain, Head, Heart, and Liver, reviveth the Vitals; it comforteth the weak and feeble Stomach, helpeth Concoction, openeth Obstructions. It stayeth Vomiting, consumeth Flegm, helpeth a stinking Breath. It maketh the Heart merry, purgeth Melancholly. It healeth all manner of Wounds, Thrusts, Cuts. It comforteth the natural parts, it asswageth the Hemoroids, five or six drops may be drank every morning, or made into Lozenges, Troches, or Manus-christi, and so used. It preserveth from gray hairs, helpeth the Cholick, the belly being anointed. It correcteth the wind, and swelling of the Spleen. It corroborates the Womb, erradicates the Yellow Jaundice; three or four drops taken every morning, helpeth the suffocation of the Womb, or Mother.

Oyl of Nutmegs.

THis Oyl is made as the Oyl of Cinnamon.

Its Vertues.

It helpeth the Concoction of the Liver, by anointing the lower part of the Ribs on the right side; two or three drops drank cureth

the Cholick, outwardly used asswageth the swelling of the Spleen, by mixing two or three drops with Oyl of Fennel-seed, and anointing the Temples cures the grievous pains in the Head. If it be drank in Sweet-Marjorum water moves Venery, cures Catarrhs, Rheums, helps a cold and moist brain, strengthens those parts by anointing two or three drops at a time upon the crown; helps Swounding Trances, by taking one drop upon the tongue. It brings down Womens Courses, brings forth the childe alive or dead, helps the palpitrations of the Heart.

Oyl of Mace.

THis Oyl is made as the Oyl of Cinnamon. *The Vertues.*

It hath great vertues against the Cholick that cometh of cold, and against Rheums. It comforteth the Heart, Stomach, and Womb, the Palpitrations of the Heart, Obstruction of the Bladder, the Strangury, by drinking three or four drops fasting, in a convenient Vehecle, or it may be made into Lozenges.

Oyl of Pepper.

THis Oyl is made as the Oyl of Cinnamon.

Its Vertues.

This Oyl is hot and penetrating, it is good in windy Obstructions, the Cholick or flegmatick Humors; two or three drops drank it cures Agues, and is beneficial in all cold effects of the body.

Oyl of Saffron.

THis Oyl of Saffron is made as the Oyl of Cinnamon.

Its Vertues.

It is good in Pestilential Feavers, and against hot burning of the Body, Head, the Apoplexy, the Vertigo, the Hypocondraick Melancholy, the Cramp, or Convulsion of the Sinews, the Lethargy, Catarrh, Hoarseness, Squinancy, the pain of the Teeth; it corroborates the Heart, helpeth the beating or panting. It helpeth Sadness or Sighing, without manifest cause; it increaseth lust, and helpeth sterillity: it stoppeth the running Hemroids, hinders Miscarriages in women,

men, ſtrengthens the children in the womb, helpeth the hardneſs of the Spleen, Cholick, Jaundice, the Sciatica, Eryſipelas; the Temples anointed helpeth a drunken man, cures St. Antonies fire. It ſtoppeth the running of the eyes, one dropt mixt with womens milk and dropt in. The Temples anointed cureth Madneſs, cauſeth reſt, cleanſeth old Sores.

To make Oyl of Bay-berries.

TAke of the beſt ripe Berries ſix ℔, put them into a glaſs body, and pour there ſo much good ſtrong Wine as will overtop it eight inches, put to every pound of Berries the powder of Tartar two ℥, and decrepitated Salt one ℥, let it ſtand cloſe covered in a warm place eight days, then put on a Still head, and diſtil the ſame in Sand, according to Art, with a moderate fire firſt, after increaſing the ſame until almoſt all be come forth, pour then into the Sand warm water, continually ſupplying it as it evaporates, that the matter burn not in the Glaſs, and ſo diſtil until the matter be all come over; ſeparate then the Oyl from the Spirit, and keep them both for your uſe. By

theſe

these ways may Oyls of all Berries be extracted.

Oyl of Bay-berries.

THis Oyl is made as the Oyl of Cinnamon. *Its Vertues.*

It is good to be used for the Megrim, the Cholick, cold and rawness of the Stomach, the Hemroids, the pains of the Womb; helpeth cold effects of the Nerves and Joynts, the Iliack Passion, the Lethargy; it is good against the Quotidian and Tertian Feavers, anointing the Back-bone a little before the Fit.

To make Oyl of Juniper-berries.

TAke ten lb of Juniper-berries bruised in a Mortar until they be masht, put them in a Still-body, pour upon them so much water until it come within six inches of full, then lute on the head fast to the body, and to the Worm, make a moderate fire according to art, and there will come over a water and Ætherial Oyl swimming on the top, which carefully separate that it mix not with the water, and keep it for your use.

Oyl of Juniper-berries.

Its Vertues.

THis Oyl ſeparated and well rectified, doth excel almoſt all other Oyls, for it penetrateth through all the fleſhy parts, the Veins, Nerves, and Bones, makes all Wounds and Ulcers apt and fit for healing, being drank every morning, or taken in warm Broath, it preſerveth the body in health, it reſtores crooked, contracted, dead Members cauſed by the Palſie. It takes away the black ſpots that are in the fleſh after healing in Wounds or Ulcers. It healeth Cancers, Fiſtulas, Cramps, Swellings, old Ulcers, trembling of the Members, pains in the Side or Loyns, it reſiſteth poiſon and the Plague it ſelf. It helpeth Impoſthumes of the Liver, Spleen, Lungs, applying it outwardly, and taking it inwardly every day. It helpeth much ſweating, by taking one ℈ thereof with warm Wine and Vineger faſting in the morning. It diſperſeth flegmatick humours from the ſtomach, helpeth the Appetite to meat or drink. It expelleth all Feavers from the root, mundifies the Reins, breaks the Stone, helpeth the De-

centery,

centery, Swelling of the Belly. It killeth Worms, it cures the Cholick, Fits of the Mother, Running Gout, being Elixirated with its fixed Salt, it causes much Urine without pain, brings forth Gravel, consumes the Stone, cures the Dropsie, helpeth the Strangury.

Oyl of Calamus Aromaticus.

TAke the newest and sweetest, make it very thin in subtile slices, and bruise it very well in a covered Mortar, then put it in a long body of Glass, and to every pound put of Tartar and decrepitated Salt, of each two ℥, mix them well, and pour thereon so much clear Fountain-water as will overtop the materials a hands breadth, lute fast a blinde-head, and digest it in a horse belly, or *B. M.* for twenty days, then put in a Retort, and in Sand distil it with a gentle fire for four or five hours, after increase it until all the liquid substance be come off; separate the Oyl from the Water, keep the Oyl close stopt.

Its Vertues.

It comforts the Memory, taketh away the Head pains and Catarhs proceeding of cold,

it helpeth the weakness of the Stomach, cures Swouning, or those faln into a trance, stayeth Vomiting, moveth the Terms, taketh away the suffocation of the Matrix, mundifies and opens obstructions of the Reins, breaketh the Stone, stayeth involuntary fluxes of the Seed and of the Urine; it restoreth the Hair, and preventeth Doting, Madness, and Melancholy.

Oyl of Zedory.

THis Oyl may be made as those afore-said.

Its Vertues.

It hath a peculiar power against contagious and evil Vapours exhaled from the Earth, infecting the Spirits and natural Faculties: It cures biting and stinging of venemous Creatures, it cureth Ulcers and wounds, whether by stroak or gun-shot, it resolveth all Tumour both inward and outward; it restores the Matrix to its place, it penetrates the Lungs, asswageth the Cough, cureth the Asthmatick; great difficulty of Breathing, Wheasing; correcteth the stinking mouth, helpeth concoction, it strengthens the Head, kills Worms, retaineth the fruit in the womb, and preventeth abortion.

Oyl

Oyl of Roses.

TAke the most fragrant Roses, Damask or others, take the leaves with the whole Knots yellow in the middle of the Roses. To every pound of these put Sugar-candy and decrepitated Salt of each two ℥ß, grinde and beat them well in a marble Mortar, then put them into a Body, and pour thereon a good quantity of good sweet Rose-water, cover it very close, and set it to putrifie in some warm place for the space of three moneths, then put them into the Distilling-vessel, and distil it according to Art, and you have Oyl and Water, separate them, and keep them close stopt.

Its Vertues.

It prevaileth against all pains in the Head, by anointing the Temples therewith; it mitigates violent Feavers by the same way: likewise using it about the region of the Heart, and a few drops drank, but if it be mixed with the Tincture of Gold, it is yet more excellent, for it purges the blood wonderfully, and roots out the Leprosie.

Oyl

Oyl of Fennel-seed.

THis Oyl may be made as that of Calamus Aromaticus.

Its Vertues.

It comforts the Brain, helps the Weak-sighted, it helps the Memory, increaseth milk in Nurses, cuts Flegm, diminisheth the Stone, resisteth poison, cures the Falling-sickness, pains in the Eyes, insomuch that if a man were almost blinde, it would recover him, dropping one drop or two in the eyes morning or evening; helpeth the Dropsie, Jaundice, provoketh Urine and the Terms, comforts the Stomach, breaketh wind.

To make Oyl of Anni-seeds, or Caraway-seeds.

TAke Anni-seeds, what quantity you please, put them in a Long-body, being grosly beaten, pour thereon so much strong Wine as will cover the Seeds in a Long-body, put on a Blinde-head, and set it eight days in digestion, then take off the Blinde, and put on an Alembick head, lute it fast, and likewise to the Receiver, distil in moist

moist Sand, as in the Oyl of Bay-berries, and there will come over Oyl and Water.

Oyl of Anni-seeds, or Caraway-seeds.

Their Vertues.

THese Oyls have one and the same vertue, they are good against the Vertigo, helps Catarrhs distilling upon the breast, Indigestion, Winde in the Stomach, the Dropsie, Flux of the Womb, the Hearing, not above three years standing. if one drop of either of these Oyls be mixed with one drop of Oyl of bitter Almonds, and put in the Ears every morning. It helpeth the want of Appetite, by taking two drops morning and evening in Broath for some time; It helpeth difficulty of breathing, it opens Obstructions of the Liver, comforts the Inwards, preserves from the Apoplexy, and Palsie; It preserveth children from Convulsions, or Falling-sickness, by giving two drops in Capon-water, or with Oyl of sweet Almonds, every morning; It is good for women that have not their Courses in due order, or for the vapour or windiness in the Womb. It comforts the Matrix, and bringeth forth the Birth. It stayeth yexing and

and belching. In Plague time it is good t
take two or three drops every morning, i
expels fears and sadness, it prevents poiso-
ning; it is good for those that cannot slee
quietly, helps difficulty of Urine; it pre-
vents the Dropsie, by taking dayly four
drops in the Water of Juniper-berries; It
causeth a sweet Breath, it helps Venery, helps
Bloody-flux, the Piles; it driveth forth poi-
son by sweat, 'tis good in the Stone; Chests
or places anointed with this Oyl, no Moth
will come near.

Oyl of Dill.

THis is made as aforesaid.

Its Vertues.

It expels winde in the Bowels, helpeth Gripes in the Belly, increaseth Milk, stayeth Vomiting, Lasks, provokes Urine, helpeth suffocation of the Matrix, the Fumes conveyed into the body; it stayeth yex or belching, it digests, resolves, and asswageth pains; it ripens Humors, helpeth hollow moist Ulcers, if it be used much inwardly, diminisheth the Seed, and hurts the sight.

Oyl of Cummin-seed.

THis Oyl is made as the former.

Its Vertues.

It expels Winde out of the body, is good for griping pains in the Guts, used inwardly by mouth, and by Clister, and to be laid outwardly with Barley-meal. It helpeth biting of venemous Beasts, being made up in Lozenges is good for Coughs, opens Obstructions, and causes a lively colour being often used.

Oyl of Parsley-seed.

THis Oyl is made as the former.

Its Vertues.

It opens Obstructions of the Liver and Kidneys, being drank. It helpeth the Dropsie, maketh a good Digestion, drives out Gravel, provokes Urine, expels winde, and is good in the Stone.

To make Oyl of Rosemary Flowers.

TAke Rosemary Flowers what you please stamp them, and put them into a Glass, and

and pour good wine thereon, and ſtopping it very cloſe, ſet it in a warm place ten days, and then diſtil it in aſhes in a ſoft fire, and ſo thou ſhalt have Oyl and Water, which ſeparate; keep the Oyl cloſe ſtopt.

Oyl of Roſemary Flowers.

Its Vertues.

IT helps the Vertigo and trembling of the Arteries, if they proceed of Cold; it expels peſtilential Feavers, provoketh Sweat, drives out Poyſon, helps the yellow Jaundice, the pains of the head though of many years ſtanding: It ſtoppeth the Whites in women conſtantly and preſerveth Health, comforts the Brain, increaſeth the Memory, fortifieth the Sinews and Veins, reſiſteth all troubles of Spirit, helpeth defluxions of Humours, the Apoplexy, Palſey, Epelepſy, Convulſions; It helpeth Coughs and Hoarſneſs of the Throat, and foarneſs of the Breaſt, the Conſumption and all diſeaſes of the Breaſt and Lungs, it is moſt excellent for Palpitrations, or pains at the heart, reſtores and ſtrengthens the Vitals, it cures Agues, being taken before the Fit, and the Stomach, Spleen, and Backbone

bone first anoynted with the same, and then laid to sweat: It helpeth Digestion, Flux, loosness, recovers al Pains and Griefs in the Kidneys, Uretters, or Bladder, and is a most strong remedy against the Gravel in Kidneys or Bladder, taken in Renish-wine. It helpeth the Collick, it strengthens the Optick Nerves, helpeth the dazeling of the Eyes, strengthens the Sight, by drinking every morning two or three drops, and putting one drop into the Eyes, causeth pleasant sleep and driveth away all vain imaginations; It comforts the Heart, cleanseth the Blood, and thereby cureth Itch, Scabs; It maketh merry and causeth good Colours and a cheerful Countenance, it freeth Children from the Wormes by applying it to the Navel and Belly. It taketh away all causes that hinder Conception, provoketh womens Courses, helpeth all diseases of the Matrix, the Green Sickness, it helpeth all Defluxions, Feebleness, Weariness, debility of Members, Gouts of the Joynts, helpeth the Tooth-ach, Deafness, causeth Hair to grow, and hinders the falling off. It is an assured Remedy for any Sore or Ulcer in the Nostrils, *Noli-me-tangere*, *Pollipus*, &c. It helpeth all diseases coming of cold and moist Humours, though never

never ſo evil; helpeth the Cancer, and Fiſtula and ſuch like, a dead Body inbalmed with this will not corrupt in many years, tis approved a moſt excellent Medicine, and of a grateful taſte.

Oyl of Rue.

THis is made as the former.

Its Vertues.

It reſiſts Poyſon, helpeth the biting of venemous Beaſts, it helpeth all diſeaſes of the Eyes, one drop or two uſed in its own Water; it helpeth the Gout, Dropſie coming of a cold cauſe; It reſtoreth benum'd Members taken with the Palſie.

Oyl of Ive

IS made as the former.

Its Vertues.

Made into Lozenges, it cureth Conſumption of the Lungs, Coughs, Catarrhs, ſhortneſs of Breath, Wheaſing, the Collick, two or three drops drank helpeth the Cramp, and ſhrinking of the Sinews, the Falling-Sickneſs, Dropſie, Gout, Ulcers, Scabs, Itch,

Itch; It provoketh Urine, stayeth Vomiting, breaketh the Stone, killeth Worms, helpeth chaps in the Hands, 'tis good against the Pestilence; those that drink often of it, it expels the Poyson. It strengthens the inward Parts, stops womens Terms, it being anoynted from the Navel of a woman to the Priveties, and the reins of the Back, it strengthens the Matrix, dryeth up the superfluous Moisture, and prepareth it for Conception.

Oyl of Wilde Time.

THis is made as the former.

Its Vertues.

It cureth Poysons, bitings of venemous Beasts, Stinging: if applyed to the Forehead & Temples, with Oyl of Roses and Vineger, it taketh away the Head-ach and Ravening Frenzie, it bringeth down womens Courses, helpeth Gripings of the bowels and Cramps.

Oyl of Garden Time.

THis is made as the former.

Its Vertues.

If three or four drops be drank in convenient Liquor, it cureth the painful Cough, short-

shortness of Breath, provoketh Urine, it expelleth Birth, and After-Birth dead or alive, provoketh Terms, dissolveth congealed Blood. Helpeth the Sciatica, wind in the Sides or any part of the Body, cureth the Gout, taken with Oximel: it ripens Flegm.

Oyl of sweet Marjeram.

IT is made as the former.

Its Vertues.

If drank in White-wine hinders the coming of the Dropsie, helpeth such as cannot pisse but by Drops, helpeth the Gripes, Convulsion, Epelepsie, provoketh womens Terms; If a little of this Oyl with Oyl of bitter Almonds snuft up the Nostrils, purges the head, helpeth those that have lost their Smelling, the Apoplexy; It helpeth the stinging of Scorpions.

Oyl of Sage.

IT is made as the former.

Its Vertues.

It helpeth congealed Blood in the Body, pro-

provoketh Urine, comforts the Heart, easeth the Stone, the Head-ach, bloody Flux, biting of venemous Beasts, women with Childe, useing a little in drink; It hinders Abortion or Miscarriage, and causeth the Fruit to be retained; It maketh women Fruitful, it helpeth the Palsie, Apoplexy, and Obstructions of the Liver.

Oyl of Venerial.

THis is made as the former.

Its Vertues.

It bringeth down womens Courses, bringeth forth both Birth and After-Birth, provoketh Urine, breaketh the Stone in the Kidneys, used in Honey or made up in Lozenges; easeth the *Lungs* and Breast from tough Flegm and gross Humours, it helpeth the Cramp and the Contracture of Sinews, if it be drank with raw Vineger it stayeth Vomiting, and the gnawing pains of the Stomach; drank with wine and applyed likewise, helpeth the biting of venemous Beasts; It is good against the Falling-Sickness, the Temples and Nostrils anoynted with the same; It taketh away swiming Pains and Giddiness of the Head,

'tis

'tis good for those whose Brains exceed in Moisture. It easeth the Pain of the Gout, the Fumes helps the Windiness and hardness of the Mother.

Oyl of Mints.

THis is made as the former.

Its Vertues.

It warmeth and strengthneth the Stomach, dryeth up superfluous Moisture, helpeth Vomiting, and helpeth those that Vomit Blood, being drank with Rose Vineger, helpeth the Gripes, Collick, stoppeth over flowing of the Menstruums, 'tis good against Gravel, Disury and Strangury.

The Oyl of Peony-Seeds.

THis Oyl is made as the former.

Its Vertues.

It is singular good in the Falling-Sickness, not onely for those of younger years, but for the more aged, taken in a convenient Vehecle, for forty dayes fasting in the morning.

Oyl

Oyl of Spike, or Lavender.

IT is made as the former.

Its Vertues.

It is used in Griefs and Pains of the Head coming of cold Cause, as the Apoplexy, Falling-sickness, drousie or sluggish Malady Cramps, Convulsions, Palsies, Fainting, provoketh womens Courses, expelleth the dead Childe and After-Birth, helpeth the Collick, and difficulty in making of Water, Tooth-ach, smelt unto and applied to the Nostril and Temples, helpeth Fainting and Swoonings.

Oyl of Worm-Wood.

IT is made as the former.

Its Vertues.

It provoketh Urine, helpeth Sursets, swelling of the Belly, causeth Appetite, preserveth health; 'tis good in the Quinsie, biting and sting by venemous Beasts, hardness of the Spleen, windy obstruction of the whole body, stinking Breath, dull Brain.

Oyl

Oyl of Tobacco.

IT may be made by it self, or by the Addition of Water.

Its Vertues.

This Oyl is rarely used inwardly by reason of the noysomness outwardly, it helpeth the Megrim, Head-ach, pains in the Bowels, and Mother-fits, Tooth-ach, Kings-evil, biting of venemous Beasts, Worms in Children, Cramps, Aches, Sciatica, Itch, Scabs, Ulcers, Cankers, foul Sores, Wound, and old Ulcers, Impostumes, hard Swellings, Lice, Wounds with venemous Darts, biting of venemous Creatures. The last remaining in the Ashes, being Clarified and Inbibed with its own Oyl, and made up in some fit Troches, the quantity of half a Grain in each, and one taken every morning will help the Body soluble.

Oyl of Clary.

IT is made as the former.

Its Vertues.

It cleareth the Eyes and strengthens them,

them, ſtrengthens the Back, pulls out Thorns or Splinters, allays Swellings, provoketh Luſt, brings down womens Courſes. It doth allay Fellons, Boyls, bringeth forth Birth and After-Birth, excicates Flegm.

Particular ways of making the Oyls of Gums and Rozins, &c.

To make Oyl of Maſtick.

TAke good Maſtick, grinde it into a moſt ſubtile powder, put it in a Bolt-head, or Long-body, and pour thereon ſo much Spirit of Wine as will overtop it ſix fingers breadth, lute it cloſe and digeſt it in a horſe belly, or St. *Maries* Bath, for eight and forty hours, or until the Spirit be ſinged, which then decant and filter. Pour upon the Fecies more Spirit of Wine, and ſet again in digeſtion, and repeat this work of Infuſion, Digeſtion, and Separation, until all be diſſolved. Put all the tinged Spirits together, and ſtop the Glaſs cloſe they are in, then take forth the Fecies, if any be, and mix therewith fine white Sand, put it into a Retort, and pour thereon all the tinged Spirits, place it in Sand, lute a Receiver, and by a very gentle heat diſtil off the Spirits,

and then increaſe the fire by degrees, until all be come off, then ſeparate the Oyl from the Spirit, then apply to the Receiver again, well lute, and by a moſt ſtrong fire diſtil off a red Oyl.

To make Oyl of Maſtick another way.

TAke of Maſtick one ℔, of white Sand one ℔, decrepitated Salt one handful, mix them well, put them in a Retort, whereunto lute a Receiver which hath in it one pint of fair water; then diſtil it firſt with a moderate heat until the white fumes be come over, and they begin to come red. Change the Receiver, and apply another Receiver, making a ſtrong fire, and diſtil from them a red Oyl like a Ruby, and at laſt a blackiſh Balſam to be uſed outwardly; the Oyl and Water rectifie *per B. M.* and ſeparate the Oyl from the flegm; keep it cloſe ſtopt.

To make Oyl of Maſtick another way.

TAke powder'd Maſtick, fill the half part of a Retort with the ſame; pour upon the ſame

same so much Spirit of Salt as will over-top the same, then place it in Sand, give fire by degrees, and there will come over first some flegm, and after a clear transparent Oyl, together with the Spirit of Salt, which keep by it self; after this a certain yellow Oyl, which receive by it self; and after a red Oyl.

The Vertue of the Oyl of Mastick.

THis Oyl is good against a hot doting brain, and also a cold brain; restoreth the Memory, helpeth a cold Stomachs stuffing and choaking with Flegm, Catarrhs; it comforteth the Liver and all the Intrals; it helpeth against vomiting Blood, it consumes and helpeth all inward Sores, Bruises, Impostiumations, stoppeth Fluxes and Womens Terms, by drinking and often anointing the belly; helpeth the pain of the back, Pushes, Chaps, Piles, Swellings of the Fundament, and against the falling down of the Womb, Matrix, it being anointed therewith, and also the bottom of the belly, and after putting it up; it helpeth the superfluous and preternatural redness in the Face, and all other parts. It amends Deafness, and Weakness of Sight, restoreth lost

Smelling; it opens the obstructions and passages of the Nostrils and the Brain, the Scurvy and putrefaction of the Gums, and the exulceration of the tongue. It preventeth Womens Breasts from growing over great; 'tis good for the Burſten, by anointing the place, and after wearing a Truss. It helpeth fresh Wounds.

Oyl of Myrrh.

THis Oyl is made as the first Oyl of Mastick. *Its Vertues.*

It corroborates the Brain and cold Stomach, expels winde in the body, and causeth to go to stool; It expels tough Flegm, helpeth difficulty of breathing, the Lethargy, Forgetfulness, and sleepy Disease; It expelleth Worms, and stoppeth too much flowing of Womens Courses. It preserveth the sight of the Eyes; two or three drops put therein, helpeth pains of the Ears. It maketh a sweet Breath, cleareth the Voice, stoppeth the Flux of the belly, comforts the Gums and Teeth, stayeth the Hair from falling. Oyl of liquid Storax is made the same way, and the vertues are the same.

Oyl

Oyl of Storax Calamite.

THis is made as the Oyl of Mastick.

Its Vertues.

It comforts the Breasts, Lungs, and inward parts, three or four drop drank, and the place anointed with the same; It stops Catarrhs that fall upon the Breast & Lungs; It maketh a man merry, addeth courage; It taketh away singing of the Ears.

To make Oyl of Benjamin.

DIssolve Benjamin in Spirit of Wine, and then distil it as in the second Oyl of Mastick, or pour upon the Solution Spirit of Salt, and distil it as in the third way of Oyl of Mastick; 'tis chiefly used in Perfumes.

To make Oyl of Galbanum.

TAke good Albanum, put it into a Bolt-head, pour upon the same some Spirit of Wine, stop it close, let it be resolved in

B. M. pour it then in a Retort with fine white Sand, and distil the same with a Sand-kettle, and distil off the Spirit with a fair yellow Oyl, which reserve.

Its Vertues.

'Tis good against old Coughs, Short-windedness, or difficult breathing; it is good for such as are bruis'd within, Cramps and shrinking of Sinews, if it be drank with Oyl of Myrrh; It helpeth against poison, or venome drank, or Shots with venemous Darts, or the biting of Adders or Snakes; It provoketh Womens Courses, bringeth forth the dead Childe, Birth, and After-birth, applyed to the Navel bringeth the Matrix to his natural place. It moistens and softens, and draweth forth Thorns and Splints in the flesh; it helpeth the hardness of the Milt, or Spleen. The Perfume of this Oyl driveth away Serpents, no Beast will have power to seize him that is anointed all over with this Oyl.

Oyl of Sagapenum.

THis dissolved in Wine, or Spirit of Wine, is made as the Oyl of Galbanum

Its Vertues.

This Oyl is good for the Stitch in the side, it helpeth the Cough, Cramps, Hippains of cold; being drank in Wine is good against Poison, and is also good against the biting of the Adder: Women with childe ought not to use it.

Oyl of Opopanax.

IT is made as that of Galbanum.

Its Vertues.

This helpeth Coughs, Stiches in the side, helpeth winde in the Matrix, and causeth a speedy Delivery to women.

Oyl of Euphorbium.

THis Oyl is made as aforesaid.

Its Vertues.

This Oyl is too hot to be used inwardly, outwardly mixed with some Honey, and applyed to the Navel, purges the Belly; It draweth out thorns out of the flesh, it helpeth stiffness in the Joynts coming of cold, and the stinging of Adders.

To make Oyl of Amber.

YOu may distil this Oyl of Amber as the Oyl of Mastick; Or, take one ℔. of Amber grosly powdered, and three parts of fine white Sand, mix them well, and put them in a coated Retort of Glass, and applying a large Receiver well luted, being set in an open fire, distil it with a very small fire for the first eight hours, then let it be increased for six hours more, and after make the fire as strong as possible you may, until all be come over, or the Receiver be clear. The work being ended, take off the Receiver, and pour the Oyl with the volatile Salt into a Retort, wherein put calcined Tartar about half the weight, place it in Sand and lute it to a Receiver. Make a small fire under, and first will come over a white Spirit, or Flegm, and next to it the true Oyl of Amber of a yellow colour: but when it begins to come red, take off the Receiver, apply another, and receive the red Balsam by it self. This red Balsam is used onely in Cataplasms, or Balsams; or in the Fits of the Mother, one drop drank is good.

The

The Vertue of the true Oyl of Amber.

If this Oyl be rectified from calcin'd Tartar four or five times, it is of a most admirable vertue; three or four drops given in a morning, it profits against the Apoplexy, or Swooning-fits; but in time of the Fit rub the tongue of the Diseased, anoint the Pulses, the Nostrils, and let them drink some down into the body. It helpeth the Cramp, Epelepsie, and Suffocations of the Matrix anointed outwardly, and taken inwardly in Betony-water, or Lozenges may be made with some of this Oyl in them. If you anoint the Nape of the Neck and Nostrils, it stayeth Catarrhs of the Head, it correcteth the malignant Air, especially in the Plague, if you take of this Oyl and Oyl of Cloves alike, mix them and dip some Cotten into them, and use to smell to the same often. It sendeth forth both Birth and After-birth, alive or dead, if from ten gr. to one ℈ be given at a time in Varvain or Mugwort water, or Mamsie. It prohibiteth and driveth away Mother-fits, and the Suffocation of the Matrix, or Strangling of the Womb, if a few drops be used to the Nostrils, and about the Region of the Heart, Breast, and Navel, and by taking of it six gr. of Oyl of Cummin-seed, as much in Fennel-water. It helpeth

peth grief or pains in the Arteries, Veins, or Sinews, the Cramp or such like Contractures, or Weakness, by mixing it with some proper Balsam, and using it warm. It cleanseth the Bladder, Reins, provoketh Urine, if it be drank in Rhenish Wine, or Parsley-water. It is good in the Plague, or those that have drank poison, if from 1 ℈ to 2 ℈ be drank in a Cardus-posset, and so sweated in a bed; and thus it cureth any other Feavers, either Quotidian, Tertian, or Quartan, *&c.* It helpeth Fainting, Swooning, Palpitrations of the Heart, Swimming of the Head, by drinking three or four drops in Piony-water.

It strengthens the Heart, fortifies the Liver, and dryeth up Rheums in the body, if it be drunk in Balm-water. It cureth the yellow Jaundice, if taken in Endive-water, or Succory, or Celendine.

It helpeth the Chollick, one ℈ taken and some applyed to the grieved part. It bringeth down Womens Courses, seven or eight drops taken often in Balm-water. It cureth the Vertigo, and Dimness of Sight.

It removeth the dulness of the Brain, and pricking in the Side, by drinking seven or eight drops in Wine. It cureth the pains in the Teeth, coming of Rheums, if it be mixt with

with Plantine Water, and therewith gargarize the Teeth and Gums. If it be taken about twenty drops, with fifteen drops of Oyl of Cinnamon in a proper Vehicle, and the party lye still in the bed, it taketh all symptoms of the After-pains in women: the general Dose is from three drops to thirty drops.

Oyl of Amoniac.

OYl of Gum Amoniac is made as that of Galbanum.

Its Vertues.

It helpeth the Cough coming of moisture, it purgeth the Breast, and helpeth Ulcers there, it dissolveth hardness and swellings, taketh away the pains of the Gout, and used with Oyl of Wormwood upon the Navel, killeth the Worms.

Oyl of Sarcocolla.

THis Oyl is made as the former.

Its Vertues:

It is an excellent Balsamick Oyl in all Wounds, it filleth them with flesh, and purges

ges all old Sores without pain, breaketh hard Impoſthumes; it helpeth thoſe that abound with flegmatick humours.

To make Oyl of Caſtor.

TAke the fatteſt, cut it very ſmall and thin, put it into a Bolt-head, pour thereto rectified Aqua Vitæ ſo much as will cover the ſame, lute it cloſe, and ſet it in *B. M.* two days, or till it be reſolved, then pour it into a Long-body, and faſten on a Head cloſe, ſet it in *B. M.* and lute a Receiver, diſtil off the Spirit of Wine, and the Oyl remaineth, in which Oyl put three times its weight of fine Sand, and par-Retort in Sand, diſtil off all the Oyl, which rectifie and keep for uſe.

Its Vertues.

This Oyl is good againſt all cold Cramps, Palſies, being mixed with Vineger and put up the Noſtrils comforteth the Brain, taketh away the pains of the Head, the Falling-ſickneſs, it provoketh Womens Courſes; 'tis excellent in the Apoplexy, it moveth Venery, it cureth the Cholick, ſtrengthens the natural parts, helpeth the Suffocation of the Matrix, and helpeth Convulſions.

Of

Of making Oyl of Frankincense.

THis may be made with Spirit of Salt, or thus: Take of Incense one ℔. and two ℔. of purified Sand, let them be well mixt, put it into a Retort, set it in Sand, and apply a Receiver close luted, making a gentle fire under until all the substance be come forth, separate the Oyl for your use, and likewise the Water.

Its Vertues.

The Water of it self, if drunk, cureth the Winde in the Stomach, it helpeth Chaps in the Hands and Feet, if they be washed therewith, and after applying the Oyl warm before the fire at night going to bed, then put on a pair of Gloves, and keep them on all night.

It certainly helpeth simple Wounds, it preserveth flesh from putrifying, taketh away all Pains, helpeth all Bruises.

To make Oyl of Turpentine.

TAke good Turpentine one part, and three parts of good clean Sand, mix them

them well in a Retort, or other Distilling-vessel, lute the Joynt very close, place it in Sand, and fasten on a Receiver; make first a small fire, and after increasing the fire to the height, until all the substance be come forth, and the Receiver be clear; take away the Receiver, and pour the matter in a Retort upon calcin'd Tartar. Set it in Sand, and apply a Receiver luted, make a small fire, and there will come over a pure, clear, white, christaline Spirit, and after it a yellowish Oyl, which being all come, which you may know by the colour, which at last will come red, change the Receiver, make a fire to the height, and draw off the Balsamick Oyl; reserve each by it self.

The Vertue of the Oyls of Turpentine.

The yellowish Oyl of Turpentine helpeth obstructions and stoppings of the Urine, 'tis good against all Pains or Griefs in the Back and Loins, proceeding of Cold. It helpeth the Stone, pissing of Blood, and against cold Catarrhs, breaketh winde, dissolveth the Plurisie, helpeth Appetite, the Stomach anointed, helpeth stinking breath.

The red Oyl is good outwardly against wasting, pining Members, Contractures of Sinews, and also against wandering, running

ning Paines and Aches of the Joynts; it helpeth fresh Wounds in four and twenty hours.

Oyl of the Philosophers, Or the blessed Oyl.

TAke new Bricks never toucht with water, break them into pieces a little bigger than a Walnut, burn each piece in the fire until it be almost red hot, then quench them in Oyl-Olive, and this putting in of hot Brick use until all your Oyl be inbibed with the pieces of Bricks; put these pieces of Bricks in a coated Retort, set it over a naked fire, and apply a large Receiver close luted, and distil it according to Art, in sixteen or twenty hours you obtain a white Flegm, a yellow Oyl, and red Oyl, which you may rectifie from calcin'd Tartar four or five times.

Oleum Sanctum, *or Oyl of Bricks.*

TAke new pieces of Bricks, and break them in little pieces, and put them into a large Crucible, and heat them almost red hot, and quench them in a Wooden Bole, almost

almoſt full of old Oyl-Olive, and therein let them lye until they be cold, then take them out and quench more therein, and this do till all the Oyl is inbibed in the pieces of Bricks, after powder them and put them into a coated Retort, and pour into the Retort ſo much more Oyl-Olive as may ſurmount the powder of Bricks a finger in thickneſs, and then put into the ſame Caſtorum, of Spikenard, of Roſe-ſeeds, anna one eight part (after they are well pounded and bruiſed) mix them well with the Powder and Oyl, and ſet it in a warm place for forty days; which ended, ſet them over a naked fire, and lute thereto a large Receiver, after make a fire under, which muſt be very ſoft and gentle at firſt, and by degrees increaſe the fire, at laſt force over all by a ſtrong fire; at firſt will come over a water white, when it begins to come yellow then change your Receiver and lute faſt another, and there will come a yellow Oyl; when it begins to come red, change the Receiver again, and reſerve it by it ſelf; rectifie the yellow Oyl from calcin'd Tartar four or five times.

Its Vertues.

The yellow Oyl well rectified, helpeth all cold Diſtempers whatſoever, the Falling-ſickneſs,

ickneſs, the Palſie, Vertigo, Lethargy, and Forgetfulneſs. It provoketh Urine, breaketh the Stone, and killeth Worms; It helpeth finging of the Ears, proceeding of groſs winde, the Sciatica, or Aches in the Hanchbone, the Gout in the Hand, Knees, or Feet, weak Back, hardneſs of the Spleen, being drank faſting, and the place anointed very warm by a fire. It heateth the Brain, helpeth Memory, aſſwageth the Tooth-ache, brings down Womens Courſes, cauſe ſafe delivery to them, brings forth the Childe alive or dead. It diſſolveth congealed blood, and purges the Lungs; and helpeth them that draw their breath painfully, by drinking a few drops with Syrup of Roſes. It reſiſteth cold poiſon, as the ſting of Scorpions, Adders, *&c.* cureth them that have taken black Poppies, or Henbane, into the body.

To make Oyl of Wax.

TAke the beſt yellow Wax, melt the ſame in an Earthen Glaſen Pan, and put into it three parts of Vitriol calcin'd white, mix it well and put it into a coated Retort, ſet it over a naked fire and lute faſt a Receiver,

ceiver, make a ſmall fire, and raiſe it by degrees until all the Oyl be come forth, which will be yellow and very clear, which rectifie from calcin'd Tartar two or three times.

Its Vertues.

This Oyl cureth all wounds by annoynting and applying a cloath wet in the ſame in few days mollifieth and pacifieth Ulcers, it penetrateth and reſolveth them, it mittigates to admiration all pains in the Gout, and Joynt-Aches, it helpeth Ulcers, Chaps in womens Nipples, inſtantly it aſſwages all Swellings, it reſtoreth crooked and contracted Members, it cureth womens Breaſts that ſwell and are Ulcerated. By applying this Oyl with Oyl of ſweet Almonds, cureth the Burſten, applyed warm morning and evening, and then a Truſs uſed. It ſtayeth the Hair from falling, and cauſeth it to grow, it provoketh Urine, cureth the Collick, helpeth the Sciatica, Stitches, and all other griefs of Cold.

The Quinteſſence of Honey.

TAke of good Honey one part, and three parts of pure clean Sand, mix them well,

well, and pour upon the same good Spirit of Wine, that it overtop it three fingers. Put upon it a Blinde-head, stop it very close, and digest it seven days, then take off the Blinde-head, put on an Alimbeck-head, and lute it fast to the Body and to the Receiver, place it in sand, and distil by a small fire all the spirit of Wine, and when the white Fumes arise, change the Receivers, and wet the head of the Alimbeck with a cloath, and there will come over a white Water and a red Oyl, and keep it thus distilling until all the red Oyl be come off, the Recever cold, then put it in a Retort, and rectifie it for six or seven times, and 'twill be of the colour of Gold, having a grateful Taste, and pleasing Smell,

Its Vertues.

This is of such Vertue that if any drink thereof, he will recover presently, let his disease be what it will; If you wash any Wound therewith, 'twill heal quickly, it is good against Coughs, Catarrhs, and pains of the Spleen, and many other Diseases; In short it is a Medecine whereby the Physitian will get both honor and credit.

Quin-

Quinteſſence of Mans Blood.

TAke of the Blood of a yong ſound Man, of which there is enough to be got at Spring and Fall, from ſuch as let Blood for recreation, or as they ſay, for prevention of diſeaſes; of this four pound, let it ſtand a while, and ſeparate the Water and put to the blood of decripitated Salt, Spermaceti, of the marrow of an Ox, anna one pound, chafe and mix them very well, put them in a glaſs Long-body, with a Blind-head cloſe luted, ſet it in a Horſe-belly or *B.M.* for forty days, then take it out and diſtil the ſame in aſhes, (applying a Still-head and Receiver cloſe luted) to ſeven, times every time returning what is diſtilled upon the Fecies, and there will iſſue out firſt a white Water, next a pale, and the third a yellow, and laſtly a red Oyl ſomewhat thick, put them all together in a Veſſel cloſe covered with a Blind-head, circulate it again forty days in a Horſe-bell or *B.M.* and they will become moſt grateful and of ſweet ſavor.

Its Vertues.

If you give about three or four drops to a ſick

sick man with a little Wine, although he was almost deprived of all his strength, and speechless, yet would he become strong, and speak again; If a man every day shall drink one drop of this Oyl with Wine, he shall become well in Minde, and sound in Body throughout all his Members, and shall prorogue and put off Age very long, he cannot be hurt with Poyson; It healeth the Leprosie, Morphew, Palsie, and such like Diseases; If one drop be drank every day in Wine, 'tis admirably profitable in the Hectick Feavor, if taken in some appropicated Julip, or Medecine for that purpose; it preserveth the Body from all Sicknesses, by using thereof dayly, and helpeth not onely some but every inward Disease; It cureth the Epelepsie or Falling-Sickness by drinking one ☽ every day in Piony Water for thirty days, if they begin at the new of the Moon. It cureth old Ulcers, Fistulaes, Bruises, being used both inward and outward.

Oyl of the Blood of a Stag.

TAke new fresh Blood, put it into a Retort, put to it calcind Tartar, and apply

ply a large Receiver close luted, make a gentle fire, that first the Flegm may come over, which being come off, apply another Receiver, and urge the fire a little more until the Oyl and volatile Salt be come off in the neck of the Retort, which mix with the Oyl, and seven times rectifie it from calcin'd Tartar, keeping the Oyl for your use.

Its Vertues.

It expelleth the very matter of the Gout fundamentally by stool, by taking some few drops in its appropriated Liquor.

Oyl of Lignum Vitæ, *or* Guaiacum.

THis may be made parsee, or by the general process of Oyls, by help of common Water, decripitated Salt, and Tartar.

Its Vertues.

Your Oyl must be made without addition, if you intend to have the Salt pure. The water that cometh over first with the Oyl may be drank in Wine, the Oyl is to annoynt Sores or Aches, and the Salt is to purge the Blood, and the Order to use it is thus; In the Gout, Pox, or Palsie, take one ℈ of the Salt, and twenty three of Venice

a nice Treacle, and mix them well, and give of it to ſweat, for it driveth out all Venemous and groſs Humors; if any Sores be in the Body, mundifie them firſt with the Salt, and after apply to it the Oyl, alſo give them every morning in the bed, two ſpoonful of the Water with Reniſh-wine, and ſweat thereon, and thus you may help the Pox, Gout, *&c.*

Oyl of Camphire.

TAke Salt of Wormwood, and of Camphire, of each ℥ 1 ℔ of ſweet Almonds three ℥, mix them well and put them into a Glaſs cloſe ſtopt, in a moderate heat for two days. Then diſtill them par retort in Sand, and when all is come off, to the remainder in the retort put one ℥ more of the Salt of Wormwood, and pour in the Oyl that was diſtilled, and mix them again, and then diſtil it; this do five or ſeven times, the Joynts always well ſtopt, and you obtain a pure clear and effectual Oyl.

Its Vertues.

It freeth and delivereth the infected with the Plague, by drinking four or five drops in Cardus Water, or other Proper Liquors,

It

It helpeth Pains and Griefs of the Head, Swounding, or Trance. It helpeth the Collick, Vertigo, and Falling-Sickness, or Convulsions in Children, by drinking three or four drops in a proper Vehicle; 'tis good against all inflamations of any Part or Member being anoynted. It happily cureth Wounds, other wise incurable.

To make Oyl of Moss and Whites of Eggs.

TAke a quantity of Eggs, boyl them very hard, and take the Youlks from the Whites, stamp them in a Mortar, then put them into a Frying-pan, and set them over the fire upon a Trevet, and make a good fire under, keeping continually stirring them until it be turned to an Oyl blackish, pour this matter separated from its Fecies into a por, and keep it for your use, or rectifie it par retort in Sand; It will come over as yellow as Gold. This Oyl helpeth Wounds speedily, maketh Hair black, it taketh away the Pains of the Hemrhoids, it is most excellent for burnings with fire, or scalding with water.

The White being beaten, and by help of a Bolus distilled, yield a White Water somewhat

what ponderous, which cohobated upon, addeth to the fixation and giveth a coralline colour.

Elixir Proprietatis.

TAke clear Aloes, of the best Mirrh, and of the best Saffron, of each one ℥, let the two former be exactly beaten, and let the Saffron be made into a round figure by pounsing, let them be put up in a large capatious Long-body, seal it up by melting the neck of the Glass, and setting it in Sand making a moderate heat under, that the Glass burst not, until you see the whole lump grow together in the bottom, and a clear Oyl with Water circulated on the sides of the Glass, which will begin in three days, then let the Glass be opened, and pour into it one pint of highly rectified spirit of Cinamon without Flegm, lute it up again and set it in *B.* till all be resolved; then put therein three ℥ of Spirit of Sulphur, and close the Joynts well again, and digest it until the Elixir swim on the top of the Spirit of wine, which separate by a Separating-Glass, and keep close stopt as a precious Medicine.

Its Vertues.

This Elixir preserveth Bodies from Corruption, preserveth the same from future Diseases; It cureth every Disease incident to the Body of Man, neither is there any vegetable Medicine that doth exceed it. It most certainly cureth all Agues, the Quartain, continual, or any other Feavor, Asthma, Falling-sickness, Palsie, Atrophia, Scabs, or Consumption of the Lungs.

Rozin of Jallap.

TAke Jallap well cleansed, dryed, and powdered, put it into a Bolt-head, pour upon it very good Spirit of Wine, that it overtop the same a hands bredth, close up the head, set it in *B. M.* until your Tincture is coloured as red as Claret, in eight or ten hours pour off that and put on more, and about the same time it will again extract the Tincture, which pour off to the other, and if you please you may extract once again; put all your Tinctures filtrated into a Cucurbit, and by *B.M.* draw off more than the half of Spirit of Wine, which may serve for the same work again. Take your Glass out of *Balneum* and pour into it fair clear Water,

Water, and the Jallap will precipitate to the bottom. Set it in *B. M.* again, and draw off the remaining Spirit of Wine, and the Water and Jallap will be onely left, which pour out in an earthen glaſed Pan, and waſh it three or four times with fair water; dry it gently before the fire or in hot embers. By the ſame rule is Scamony prepared, which may be made in Pills with Oyl of Cloves, or ground to a very ſubtil powder with three parts of Cream of Tartar, and ſo may be diſſolved in Water, Broath, or any Liquors, or mixed with Conſerves of it ſelf.

Its Vertues.

Its uſe is to evacuate ſuperfluous Serioſities from all parts of the body, as the head and other parts; the doſe is to gr. 20.

Rozin of Scamony.

TAke good Scamony, diſſolve it in well rectified Spirit of Wine, and ſeparate the Solution from Fecies. In *B. M.* abſtract the half part of the Spirit of Wine, and to the remainder put cold fair water, and the Scamony will precipitate and become moſt white, the black matter will remain on the top, which ſeparate and waſh away. Then

take the Gum, and wash it well, and dry it and keep it for your use.

Its Vertues.

This Powder is a most noble, pleasant, and gentle Purge, having neither taste nor smell, purging the body without offence; It purgeth all manner of humours, and therefore good in all Diseases requiring purging Medicines. Its Dose inward is to twenty grains, either in Powder or made up with some distilled Oyls, or mixed with a like weight of Cream of Tartar in Powder, and half its weight of Antimony Diaphoretick, it is called Pulver Comekinne, and purges very safely all noxious humours; the dose is for twenty grains to fifty grains.

A Cordial Stomachical Purgative Tincture.

ALoes ℥ 3, Myrrh, Saffron, of each one ounce; Mastick, red Rose-leaves ℥ 3. Extract the Tinctures with rectified Spirit of Wine, which decant from fecies, and in *B. M.* separate the Spirit of Wine to thick Juyce, which whilest hot put up in a pot for your use.

Its

Its Vertues.

This is very effectual in cleanſing the Stomach, helpeth Concoction, and ſuffereth no putrefaction of Meat in the Stomach, preſerveth the humours of the body from corruption, and gently purgeth the body. They may be uſed in Pills before meat, or at any time; the Doſe is from twenty to forty Grains, and the Tincture before ſeparation of the Spirits, may be uſed for the like occaſions, from one to three ſpoonfuls.

Extract of Rudij.

TAke Coloquintida ℥ 6. Agrick, Scamony, the Roots of black Helebore, and Turbith, ana ℥ ß. Aloes ℥ 1. Diarrhodon Abatis ℥ ß. let them (the Diarrhodon Abatis excepted) be groſly bruiſed and infuſed eight days, in the very beſt Spirit of Wine, in a veſſel cloſe ſtopt in the Sun, or *B. M.* let there be ſo much Spirit as may ſwim above it ſix fingers, then infuſe your Diarrhadon Abatis in the ſame manner four days in Spirit of Wine, mix theſe, ſolution being firſt ſtrain'd and preſt hard, caſt away the Fecies, put them in a Long-body of Glaſs with an Alembick-head, and draw off

the Spirit to the thickneſs of Honey, which keep for your uſe.

Its Vertues.

This Extract is of a very quick, ſearching Pill, the terrene part being ſeparated and onely the Tincture uſed, whereby it leaves no gnawing quality in the bowels. It cleanſeth both Head and Body of Choler, Flegm, and Melancholly. It may be taken from one ſcruple to a dram, although the general Doſe of theſe Pills be half a dram, taken in the morning, and keeping in a warm chamber all day.

Laudanum Paracelſi.

TAke the beſt Opium two ℥ with good Spirit of Wine, extract its tincture, Gum-henbane one ℥, extract his tincture; Diamber ℥ two, draw away all his tincture, Momia ℥ ß, and draw away its tincture, of the beſt Saffron ℥ 3. extract his tincture, mix all theſe tinctures except the tincture of Diambra, and let them ſtand in a warm place fourteen days cloſe lured, then open it and add a little tincture of Diambra, ſtop it up again and let it ſtand ſix weeks, or thereabouts, till the ſmell of the Liquor be almoſt

almoſt vaniſhed, then open the Glaſs and add tincture of Coral, clear yellow Amber, of each ʒ 1. of Magiſteri Perlarum 1 ϑ. Oſſi de Corde Cerui 10 gr. Aurum Potabili, or its Tincture 30 gr. Theſe with the Spirit of Diamber put to the other Tinctures, and ſtir it ſeveral days one after another, at laſt in *B. M.* draw off the Spirit of Wine, and when 'tis almoſt dry, add of Ol. Succini, Ol. Maci, and Ol. Cinnamoni, of each 1 ϑ. put it out whilſt hot, take one half part and reſerve for women; to the other part add 10 gr. of the Extract of Muſk, and ſet in a warm place that it may dry.

Its Vertues.

It may be given in liquor, or made up into Pills, the Doſe is to ſix grains. It helpeth the Cholick, Frenſie, Hot Feavers, the weakneſs of the Stomach, the Yex, Vomiting, cauſeth quiet ſleep, ſtops Fluxes. If it be mixed and taken with the former Oyl of Cumphior, it cureth the Falling-ſickneſs and Convulſions.

Preparation of Opium, or Laudanum.

TAke of Opium 6 ʒ of powdered Cream of Tartar, one ounce of Spirit of Salt,

two ℥, put them in a Bolt-head, cloſe the mouth of the Glaſs, ſet it in *B. M.* for twenty four hours; open the Glaſs and put in one pint of the beſt Spirit of Wine, cloſe it up and ſet it in *B. M.* to extract, and after extraction decan the Spirit, and put on more Spirits, and extract further the Tincture: Theſe tinged Spirits put together in a Glaſs Gourd, and add of Oyl of Saffron twenty gr. of Oyl of Clove one ℥. of Oyl of Roſemary one ℥. draw off the Spirit of Wine to a thickneſs, which take out and put in a clean veſſel.

Its Vertues.

The Doſe is for one, ten, five, or ſix gr. to men; it may be uſed in all hot Diſtempers, cauſeth quiet ſleep, mitigates pains outward or inward; cauſeth ſweat, and helpeth the Epilepſie in children.

Corrector of Vegetables, or the Preparation of Salt of Tartar.

TAke of powder'd Tartar and Peeter, of each one pound, mix them well put it into a earthen pipkin, and give fire from above and the Peeter will take fire and calcine all the Tartar, pour upon the Salt warm

warm Water, and extract the Salt with Water, after all the Salt is extracted, pour into a Long-body and draw off all the Water to a dryneſs, which Salt put into a Crucible, and lute it ſtrongly into a blew maſs; which ended, whilſt it is yet warm, beat it in a warm Mortar to powder, and put it into a new earthen Pan, and pour upon it ſo much Oyl of Turpentine as will juſt cover the Salt, ſtir it well with a ſtick and cover it with a thin cloath that no duſt come in, and ſet it ſo that it may attract air, and yet no Water by any means may come to it; ſtir it three or four times a day, and when the Oyl is wholly inbibed, add ſo much more Oyl, ſtirring it continually, and keep inbibing the ſaid Salt until it has drank up three times its weight of Oyl; which finiſhed, your Salt is prepared for your uſe.

If this matter diſſolve in fair water and ſhew no Oyleneſs, it is then well prepared, let it be well dryed, and to it add three parts of good Potters-earth, put it into a coated Retort, apply a Receiver, and by force of fire drive over all the Salt which will riſe white and clear.

Its Vertues.

This is the true Corrector of Vegetables whereby poyſonous matters are reduced in-

to good and wholsom Medicines; this being put upon any Matter, either Vegetable, Mineral, or Mettal, it so altereth it and opens the body, that the pure may be separated from the impure. It radically dissolveth Pearls, Coral, or any other Stones, it maketh of Gold Potable Gold, and of Silver Potable Silver, and being joyned with the Tincture of Gold, and both brought over the helm, 'tis a most general Medecine far exceeding any other that can be made by the art of man, but will without heat or any trouble be prepared in six months, but in a shorter time by Art. If it be circulated with graduated Spirit of Wine they will unite.

Mathews, *Or rather* Starkies *Pill.*

TAke two pound of prepared Salt of Tartar, and one ℔ of powder of black Hellebore, and one pound of Opium, dissolved in Spirit of Wine, the Wine again extracted to a thick substance, which mix with the Salt of Tartar and Hellebore until they be all well incorporated, which then let it be continually fed with Oyl of Turpentine that it

it may be kept moist, and the Salt made more volatile and fit for Medicine.

Its Vertues.

It is a most excellent Diaphoretick, Diuretick, Anodine Medicine; It cureth all pains of the Head, a Pill taken at night and a little applyed to the Temples, the Megrim, Vertigo, Frenzie, Lethargy, helpeth the Memory, cause quiet rest, 'tis good in the Falling-sickness, Convulsions, Cramps, Stiches, Aches. It cureth the pains of the Teeth, a little applyed to the Tooth, it helpeth the Cough, Asthma, Plurisie, Inflamation of the Lungs, palpitrations of the Heart, weakness of the Stomach, Yeking, Vomiting, pain in the Stomach, windiness of the Stomach, the Flux, Diarrhea, Dycenteria, the Chollick, Iliac Passion, Worms, obstructions of the Liver, and Spleen, the Dropsie, Anasara, Ascites, and Tympanites, Inflammation of the Reins, Ulcers there, Gonnorhea, obstruction of the Urine, difficulty of Pissing, the Disury and Strangury; It bringeth down womens Courses, and helpeth the overflowing of them, the inflamation of the Womb; It hindereth abortion, cureth windiness or exuleration of the Womb, taketh away Barrenness, cureth the Gout, it helpeth all manner of Feavers,

as

as the Synochus, continual or burning Feavor, the Tertian, Quartain, or Quotidain; It bringeth forth the Small-pox, Measels, 'tis a very general remedy, curing most Diseases and not hurtful to any; the dose is twenty Grains.

Dulcified Salt of Tartar.

TAke Salt of Tartar that hath bin dissolved, filter'd and congealed into a Body until it be easily fusible and melt like Wax: which sign being known beat it to powder, and pour upon it so much Spirit of Wine as will cover it, which stir well for four days, six times every day and night, and at the fourth day place it in Sand, and draw off the insipid moisture, which being done put on more and proceed as before to five times.

Its Vertues.

It is good for Ulcerated Lungs, and of the Bladder, and freeth the Stomack from sower belching, one ℥ made up in a Lozenge and taken at a time.

Spirit

Spirit of Tartar.

IT is impossible to obtain this Spirit by the common way par Retort, but if Retorts be made of good Earth (not poreous) with a pipe at the top, and so placed over a naked fire, with a Receiver luted very fast that a man may cast in the Material by a spoonful at a time, and when the first Spirit is setled cast in more, and by this means you will obtain a Flegm Spirit, Veneger, and red Oyl, in the Retort will remain the Salt, which calcine in a Crucible and put half of the Salt in a Glass Retort, and pour upon the same all the matters that were distilled; place it in Sand, and apply a large Receiver luted, and make first a small fire and the Spirit will come off, and after the Flegm, mix the Veneger with the red Oyl. You may save each by it self by changing your Receivers, and rectifie your Spirit once or twice more from calcin'd Tartar; this may be distil'd in a common Retort putting in all at a time. If there be fitted a pipe of Tin, so that it may pass through a Tub of cold water, and one end of the Pipe fastned to the Retort, the other end fasten-

fastened to the Receiver, which likewise may be placed in cold water.

The Vertues of the Spirit and Oyl.

This is a most powerful Medicine against all obstruction of the whole Body, cureth the Scurvy, Colick, Cramps, Contractures, brings forth the Small-pox, Meazles, purges the Blood, helpeth malign Feavors, the Epelepsie, Convulsions, and many other Diseases proceeding from corruption of Blood. Likewise 'tis of excellent use for the extracting the Tincture of Metals and Minerals.

The Oyl rectified from calcined Tartar will become clear, and is good to disperse kernels or knobs risen up in the skin, allayeth all swelling pains, the Gout, Sciatica, Stiches, Aches, Cramps, or Wind-Gout.

The Caput Mort being calcin'd again to a white or blew Mass, may be extracted with fair water filtred and congealed into a white Salt, called the Salt of Tartar. And if it be put upon a Marble and a dish set under, it will resolve it self into an Oyl, which is used by women to take away Sun-burnt, Morphew, and Freckles in the Face; if Oyl of Vitriol be poured upon this Salt sufficiently, 'tis called *Tartarium Vitriolatum.*

Spirit

Spirit and Oyl of Cranium Humanum.

TAke of it as much as you please, break it into small peices, which put into a Retort of Earth, or Glass coated, set it in an open fire and lute fast a large Receivor, and make your fire by degrees, and so increasing your fire to the highest degree, and there will come over a yellow Spirit, with a red Oyl and volatile Salt, which rectifie from calcind Tartar, and they will become fair and clear, only when all the spirits are come, change the Receiver for the red Oyl.

Its Vertues.

The Spirit opens obstructions of the whole Body, and strengthens the feeble Parts, cureth Falling-sickness, the Dropsie, and cureth the Gout; the Dose from three Grains to twenty Grains.

Oyl and Spirit of Harts-Horn.

THis is put in and distilled, as that of *Cranium Humanis*, viz. being cut or broke in small pieces, and there will come over a Spirit and red Oyl, with the volatile

tile Salt, which rectifie from calcined Tartar.

Its Vertues.

The Spirit rectified is very penetrating, and therefore opens all obstructions of the whole body, purging by sweat and urine all noxious humors, very useful in the Plague, Pox, Gout, Leprosie, Scurvy, Small-pox, Measels, Surfets, Plurefie, malign Feavers, the Melancholly, Hypocondraick, or any other Disease requiring sweat. The red Oyl rectified, cureth the Quartane, and all pains in the body coming of cold, Wounds, Bruises, or Hurts.

The Dose of the Spirit is ʒ ß at most, and the Oyl to thirty drops.

Spirit of Mans Hair.

FIll a Glass Retort with Hair cut small, set it in Sand, and apply a Receiver luted, and make your fire to it, and there will come over a Spirit and Oyl, rectifie them from calcined Tartar, and they will be clear, the Spirit smelling like urine.

Its Vertues.

This Spirit applyed to any part of the body outwardly, cureth the Scab and Itch;

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It is unpleasant to take, and therefore rarely used inwardly. It dissolveth common Sulphur, reducing it into a milk, which with further ripening will turn into a blood-like colour.

Spirit of Urine.

TAke Urine of men drinking Wine, put it into an Earthen Vessel, boyl away one third part, put the remainder in a very high Long-body, and place on a Still-head, lute fast the Joynts, and apply a Receiver, make a strong fire that the matter boyl, and there will come over the Spirit, together with the volatile Salt; distil this Spirit four or five times over, and after rectifie it from calcined Tartar three or four times, every time calcining the Tartar, and keep it in a good strong Glass close stopt.

Its Vertues.

The strong Spirit or Salt used causeth strong *Sweats*, and purges by urine likewise. It purifieth the blood, opening the obstruction of the Spleen, cureth Feavers, Tertian and Quartane; It disperses all tough, gross, venemous humours; it bringeth down womens Courses, helpeth the suffocation of the Ma-

Matrix; the Salt perfectly cureth the Jaundice. The Dose is to fifteen grains.

Externally applyed it cooleth all inflammations, curing the Eryſipilas and Gangreene, eaſeth the pain of the Gout, laid to the Pulſe is good in ardent Feavers, cureth the Tooth-ache. If it be applyed Clyſterwiſe it killeth Worms.

Spirit of Wine.

TAke as much French Brandy as you pleaſe, put it into an Alembick-ſtill, and hang in the *Still* a great *Spunge*, and lute faſt your Receiver, diſtil it with a ſmall heat until all the burning ſpirits be come, then take off the Receiver, and pour the ſpirit in the Long-body upon ſalt of Tartar well calcined, and diſtil it in ſand (the Joynts well luted) until you ſee the Veins in the head of the *Still* ſpread abroad and vaniſh, then ceaſe. Calcine the Tartar again, and return the ſpirit upon it again, and this do for five times, and your ſpirit will be pure and of great ſtrength.

Its Vertue.

This *Spirit* of it ſelf is very cordial, penetrating every part of the body being drank,

drank, and 'tis good in all cold defluxions, fortifies the Optick Nerves; 'tis of great use for extracting of Tinctures of Herbs, Roots, Gums, &c.

Animal Mercury.

TAke one part of the best spirit of Urine, or rather its salt, and four parts of pure tartarized spirit of Wine, put the salt in a great thick Glass Bottle, and pour upon it the spirit of Wine tartarized, and presently stop the Bottle, 'twill be full of fumes, shake it well, and the spirit will both be united and congealed into a salt and dry, if no flegm were in the spirits, otherwise there will be some water, which separate from the salt, which will be white and strong like Salarmoniack spirit; Divide this salt into four parts, of which take one, and four parts of spirit of wine rectified to the height, let it be hermetical, seal'd up in a strong Bolt-head, and digest it in *B.* for fourteen days, or till unition, then open the Glass and put in another part and digest it again, and this do till the spirit hath inbibed all the salt, which after rectifie par Retort. This serveth to extract the Tincture from Mineral and Mettals. *Spi-*

Spirit of Vineger.

TO make ſpirit of Vineger, you muſt fill your Glaſs with what quantity you pleaſe in ſand, evaporate by a gentle heat about two third parts, the remainder urge by a ſtronger fire, and keep for your uſe.

Its uſe is to cool Inflammations, helpeth Scaldings, Burnings, if mixt with *Saccorum Saturni.*

Spirit of Vineger.

TAke diſtilled Vineger eight parts, and one part of Salarmoniack ſublimed, digeſt them fourteen days, and put it into a Retort and lute to a Receiver, urge it in ſand until all be come over.

Spirit of Vineger.

TAke twelve pound of good Vineger, two pound of Honey, two ℥ white Pepper, Muſtard-ſeed bruiſed ſix ℥, ſet it in the ſun or a hot place fourteen days, and then evaporate

porate the half part gently, the remainder bring over by a strong fire.

Spirit of Vineger.

TAke Honey, Salt decrepitated, of each one pound, of the best Spirit of Vineger two pounds, let them stand one moneth in the sun, and distil them in sand, and cohobate the spirit four times upon fecies.

Its Vertues.

It serveth to dissolve Corals, Pearls, Fishshells, Minerals, Mettals, and to make their Magisteries and Salts.

A Water for the Falling-sickness.

TAke of Swallows cut in pieces without separating any thing from them, six ounces; of Castorium cut small one ounce, mix them well, and infuse them all night in Canary-wine, then put them in a Retort, and distil them in sand until all be dry; cohabate the liquor three times.

Its Vertues.

This Water being drank to the quantity of two spoonfuls every morning, cures them that have the Falling-sickness.

Tincture

Tincture of Coral.

TAke Salt of Tartar that has been ſtrongly fuſed in a Crucible, diſſolve it in fair water, to one part of Coral let be three or four parts of Tartar, put the Coral Powder into the Tartar and Water in a long Glaſs, ſet it in ſand, make a ſtrong fire, and the Tartar will diſſolve the Coral. The Coral being diſſolved, filter the ſolution, and deduct all the moiſture in *B. M.* and there will remain a pleaſant honey, thick Liquor; Let it be dried perfectly in a ſand, and extract the Tincture with well rectified ſpirit of Wine, which being well coloured decant the ſame, and ſeparate the half part of the ſpirit of Wine, and keep the Tincture for your uſe.

Its Uſe.

Its uſe is to fortifie the Vitals, to help Melancholy, and to ſtop Fluxes. It helpeth the Convulſions and Falling-ſickneſs; but the Spirit is far more effectual.

Magiſtery

Magiſtery of Coral.

DIſſolve Coral in good diſtilled Vineger, and when all is diſſolved, put into the ſame a good quantity of fair water, and the Precipitate or Magiſtery will fall to the bottom, which edulcorate with freſh additions of water until it be ſweet, and keep it for your uſe. It hath the ſame vertue as the Tincture.

Spirit of Coral.

TAke four ounces of Coral, one pound of Cream of Tartar powdered, and as much water as will diſſolve the Tartar, put them into an Earthen Pipkin, boyl them until the water be coloured with the Coral, and it be diſſolved, continually ſupplying the evaporated water, and when ſolution is made, evarate the water to a thick juice, which diſtil par retort in a naked fire, until all the ſpirit become off.

Spirit

Spirit and Tincture of Pearls.

TAke one part of Pearls powdered, four parts of Cream of Tartar, and as much water as will diſſolve the Tartar, put them into an Earthen Pipkin, and ſet them upon the fire and boyl the ſame, ſtill ſupplying the evaporated water until the Pearls be diſſolved, then evaporate the water to a matter as thick as Honey, which par Retort in a naked fire diſtil into a Spirit; or with ſpirit of Wine before diſtillation you may extract the Liquor or Tincture; the Magiſtery is drawn as Coral.

Its Vertues.

This Spirit is more powerful than the Liquor or Tincture, it is a real Cordial, ſtrengthening the Vitals, and powerfully purifying the blood by ſweat and urine; It cureth the diſeaſes of the Spleen, helpeth Conſumptive perſons, driveth out Small-pox, Meazles, cureth Surfets, helpeth to reſtore decaying nature; The Doſe is to twelve Grains.

The Essence of Coral and Pearl.

DIssolve Coral or Pearl in good spirit of Salt, and upon the dissolved matter pour well rectified spirit of Wine, let the Glass be closed up most perfectly, and set it in *B. M.* and in few days will be extracted the Essence, which decant and separate the Wine from the Essence, keep close stopt for your use. These Essences have the same vertue as their Spirits.

Magisterie of Egg-shells.

DIssolve Egg-shells in good distilled Vineger, and after solution precipitate the Calx with fair water, let it settle, the Calx will precipitate in a white powder, which is Magisterie; which sweetned several times and dryed in the shade, put up for your use.

Its Use.

It is approved for cleansing the passages of the urine, to dry up old and watry sores, but most excellent for a Fucus to beautifie women, being mixt with other Unguents,

and applyed to the face and hands, it produceth a rare white skin.

Preparation of Burnt Alume.

TAke Alume, put it into an earthen Veſſel, ſet it over the fire till all the moiſture be gone, then make it red hot, and after a while put it into another pot, and pour ſo much Vineger as will cover the ſame, ſet it on the fire and evaporate the Vineger, and let it ſtand till 'tis red hot, and as white as ſnow, then keep it for your uſe.

Its Vertues.

This is very excellent to dry up old Sores, and take away dead and proud fleſh.

Calcination of Punex Stone.

TAke Punex-ſtone, heat it red hot, and quench it four or five times in Wine vineger, the laſt time onely heat it without wetting it again, which reduce into a very fine Powder.

Its Vertues.

It is uſed for the Calcination of Metrals.

A cer-

A certain Remedy for the Scrofula.

TAke Sea-ſpunge calcin'd to a coal ʒ ʒ, bones of the Fiſh burnt to aſhes, Long Pepper, Ginger, Pelitory of Spain, Gauls, Salgem, calcin'd Egg-ſhells, of each one ʒ, mix them with diſtilled Water of Spunge, and let it be dryed by degrees; of this Powder may be taken half a dram, with half an ounce of Sugar, let it lye in the mouth and melt there, and after ſwallow it down as it melteth. It may be made up in Lozenges or Troches, and ſo melted in the mouth.

Uſe.

This Medicine perfectly cureth the Diſeaſe commonly called, *The Kings Evil.*

Oyl, or Ointment for the ſame.

TAke Oyl of Bayes eight ʒ, Olibanum, Maſtick, Gum-Arabick, Rozin, of each three ʒ, put them in a Retort in ſand, and diſtil them, and rectifie them from Potaſhes.

Elixir of Salt of Tartar.

TAke three parts of Salt of Tartar, fuse it in a Crucible, and then powder it yet warm, put it in an earthen glased Pan, then take Oyl of Cinnamon, Oyl of Cloves, and Oyl of Spike, of each one ounce, pour some of these Oyls upon the Salt and stir it well, inbibing it until it hath drank up all the Salt. This cureth Heart-beating, Apoplexy, Vertigo.

Compound Spirit of Tartar.

TAke salt of Urine clarified, sublimed Salarmoniack, salt of Tartar, of each one part, powder and mix them well, and pour upon them good distilled Vineger, lute them close, set them in *B. M.* for forty days, then draw off all the moisture that will come off in *B. M.* and mix the remaining matter with three parts of good white dry sand, urge them by Retort in a naked fire, and you may obtain a most powerful Spirit for the making the Mercury of Mettals.

A most

A moſt general Chymical Salve, curing all Wounds, Ulcers, Fiſtulaes, Cancers.

TAke of the beſt Oyl of Wax purified, calcined, rubified Vitriol, of each alike proportion, incorporate them well, after take of pure Venice Turpentine waſht with Roſe-water, as much as either of the former, put them in a Glaſed Pan, and let them ſtand over a ſmall fire, until it has attain'd the ſubſtance of Salve, or thick unguent, put it then into a Glaſs and keep it for your uſe.

A general Water for the Compleating the Cure of Cancers, Fiſtulaes, Ulcers, &c.

TAke 1 ℔. of Roch Alume, 1 ℔. of Roch Borax, 1 ℔. of Verdigreece, and 1 ℔. of rubified Vitriol, and 1 ℔. of good Peeter, all pulverized, mix them and diſtil them like common Aqua-fortis; Rectifie this water four or five times, and to it put 1 ℔. of Spirit of Verdigreece, and 1 ℔. of Spirit of Sulphur; this being done, in a Long-body put in 1 ℔. of yellow Bees Wax, and pour all theſe Spirits upon the ſame, put on a

Still-head, let it ſtand four days, and draw off the ſpirits in ſand, the Wax wil be black; take the Wax out and put in more Wax, and pour the ſpirits upon it again, and diſtil the ſame, and this do ſo often until the Wax be no more coloured by the Wax, but remain of its own colour, then the Water is prepared.

Its Uſe.

Mingle this Water with its weight of Spirit of Wine, and keep it in a Glaſs cloſe ſtopt for your uſe, then dip a feather in the ſame, and touch a Serpigo, Noli-me-tangere, Cancer, Wolf, or any feted Wound or Ulcer whatſoever, with one drop or two of this Water, it heals it from the bottom, dries up ſuperfluous moiſture, conſumeth the venemous Humors, raiſeth up fleſh from the bottom, by the ſuper-poſition of the aforeſaid Plaiſter.

A Rare Cordial.

THe Extract of the Roots of Contra-yerva, black Tips of Crabs claws powdered, of each two ounces; of rugged Pear, red and white Coral, Crabs Eyes, of each one ounce, theſe muſt be finely ground and diſſolved

solved in Juice of Lemmons, and the Juice again abstracted; let it be made up in little round balls.

White Amber and Christals ground into fine Powder with Rose-water, made into little balls, anna 1 ℥, Harts-horn calcined white 1 ℥, ground with Syrup of Citrons and Gilliflowers, made sharp with spirit of Sulphur, and made in Cakes.

Bezor occident in powder, Terra Lunnia anna ℥ ß. Antimony Diaphoretick ℥ ij. Cochonillea powdered ℥ ß. Ambergreece 1 ℥ ß make half a dram, and let them be made up with this following Jelly.

Take Harts-horns shavings, the skin of twenty four Snakes and boyl them in a pot, covered with Water of Cardus, till it come to a perfect Jelly, unto which add Oyl of Cloves, Cinnamon, Saffron, and Rosemary, of each 2 ℥.

Its Vertues.

It is a most excellent Cordial, curing swooning, fainting, Melancholy, putrefaction of Blood, small Pox, Measels, the spotted Feaver, Plague, and all Infections, where there is occasion to drive out the humours by sweat, or to preserve the heart; the Dose is from ten to thirty grains in Cardus, or any other Cordial water.

A very excellent Plaiſter, or Seer-cloth.

TAke Oyl of Bricks 2 ℔. Lead calcined red, and Lead calcined white, of each 1 ℔. beat them, and ſift them, and incorporate them with the Oyls, then put in Spaniſh Soap 12 ounces, incorporate theſe well all in an Earthen pan, put them upon the fire, making it very ſlow for an hour and a half, continually ſtirring it with a ſtick, till the matter turn from red to grey, and ſo continue ſtirring till the matter turn of the colour of Oyl, and ſomewhat dark, try it upon a Trencher when this ſign appears; for if a drop be let fall upon a Trencher and it cleave not, 'tis enough for Seer-cloth, dip them in the Salve before 'tis taken off the fire, and ſmooth them on a board.

Its Vertues.

It mightily ſtrengthens weak backs, and helpeth the Gonorrhea, laid to the belly, eaſeth the Cholick; to the ſtomach cauſeth a good appetite. It ſerveth in all Sores, Cuts, Wounds, Ulcers, &c.

A moſt rare Chymical Balſam.

TAke Oyl of Bricks 4 pounds, pure Bees Wax, Rozin, Turpentine, of each two pounds,

pounds, of black Pitch 8 ounces, in an Earthen glaſed pan, melt firſt the Pitch and put in the reſt of the materials, keep them continually ſtirring until all be very well diſſolved, then take it off from the fire, and add by a little at a time Oyl of Spike 4 ounces, and after that Oyl of Turpentine, Oyl of Wax, of each 4 ounces; Galbanum diſſolved in White-wine 4 ounces, Storax liquid 4 ounces, ſtir them all well together, and pour them out whileſt hot, and keep them for your uſe. *Its Vertues.*

It cureth all diſeaſes coming of cold or winde, as Head-aches, Stitches, Indigeſtion, the place afflicted firſt well chafed with a warm cloth, & after with this Balſam warm chafed in with your fingers. It helpeth all Bruiſes, Aches, Pains, the Gout, Palſie, Sciatica, Cramps, Cholick, the Gravel, the Rickets, defects of the Spleen, Deafneſs, and moſt effectually cureth all Wounds, Cuts, Hurts, *&c.*

Tartarus Vitriolatus.

TAke pure ſalt of Tartar, put it in a glaſed Diſh, pour upon the ſame drop by drop Oyl of Vitriol, ſo long until it ceaſeth

to make a noise, which you may dry and keep for your use. *Its Vertues.*

It availeth against the gnawing pains of the Stomach, and to ease all pains of the Cholick.

Christals of Tartar.

IF you take equal parts of crude Tartar, and salt of Tartar, and dissolve it in fair water, and then evaporate the water, still skimming it until no more skim do arise, and then let it cool, there will shoot white Chrystals, which may be used in stead of Tartarus Vitriolatrus for purging; they cause gentle Stools, and expel urine and the Stone: the Dose from 1 scruple to a dram.

Spirit of Manna.

TAke Manna what quantity you please, put it in a glass Cucurbit, with its head and Receiver close luted, set it in ashes or sand, make a small fire and there will come over a spirit almost tasteless, yet of great vertue, being a great Sudorifick.

Its Vertues.

It helpeth putrid Feavers of all sorts, or any other distemper requiring sweat: the Dose

Doſe is from ℥ iiij. to ℥. This Spirit poured upon the flowers of Sulphur, extracteth a red Tincture good for the Lungs.

Syrup of Vineger.

TAke of good White-wine Vineger, and par *B. M.* evaporate the half part, of the remainder take ℔ i. put it into a Glaſs-body, ſet it in *B. M.* & add of fine white Sugar ℔ 2. then keep ſtirring it with a Spatula, until all the Sugar be diſſolved.

Its Vertues.

This Syrup is good to diſſolve, attenuate, open, and mundifie groſs, clammy, or flegmatick Humours in the Breaſt or Lungs; It refrigerates and mitigates the Heat, reſiſteth Corruption and Putrefaction, cleanſeth the Urinary paſſages, appeaſes Inflammations.

Syrup of Lemond-Rinde.

TAke ℔ ß of the outward Rindes of new Lemons, ſeparated from the inward whiteneſs, put it in a Glaſs Cucurbit, and put to it ℔ 1 ß of good Spaniſh wine, ſet it in *B. M.* with its recipient cloſe luted, with a ſmall heat draw off ℥ 12 of the ſpirituous wa-

water, being very subtil and odoriferous, which may be without any additions for women by reason of the Mother; but for men or women not subject to Hesterick passions, you may put into the nose of the Limbeck tyed up, ℥ ß of the grains of Alkernes, gr. 8 of Ambergreece, and gr. 4 of Musk; This done to this distilled spiritous water, put ℥ 3 more of the thin Rinde, and digest it close stopt in the same. Run without expression this maceration through a Linnen-cloth, and preserve it in a Viol close stopt; the remaining Rindes after distillation boyl in ℔ ij. of clear water, to the consumption of half, which then strain and clarifie, and with one pound of white sugar boyl up to a Syrup. *Its Use.*

It may be used in sickness or in health, giving a grateful taste to any Liquor, making it more acceptable; it opens obstruction, it cuts flegm, and causeth a good digestion, is good in the Cholick.

Vineger of the Philosopher.

TAke Verdigreece, pour on the same very strong distil'd vineger, dissolve therein a good quantity of Verdigreece, filter the solution

lution till it be clear, then evaporate the humidity in a fire of the first degree, until a green Gum remain, which put into a Retort, and distil out of the same all the humidity, which rectifie seven times in a clean Retort, till no Fecies settle, and a pure chrystaline Vineger remaineth.

The Second BOOK.

Of Salts and Minerals.

Of Sea Salt.

SEa Salt is the true Radical Balm, or Balsam of Nature, by which every thing in the course of Nature is preserved, and all other Salts whatsoever have their beginnings, and by which they are preserved, are nourished, and have power of giving life to their respective matters. Therefore may it be termed Animal, Vegetable, and Mineral; It is Animal and Vegetable as it hath a lively growing faculty in it, as being the first moving thing in Nature, causing increase, the beginning and continuance of Generation, without which nothing

nothing can be dureable. Its faculty of Multiplying and Increaſing you may ſee by the vaſt multitude of Fiſh bred and nouriſhed in the Sea; alſo the generation of precious Stones, Pearls, Shel-fiſh and Coral growing in great Branches, ſpringing from moſt hard Rocks and Stones, and nouriſhed by Sea-Salt, which is a ſufficient argument to prove it Animal, and Vegetable, Salt is alſo Mineral for paſſing through the Pores of the Earth. It begets many and various other Salts, as Salt-Peeter, Vitriol, Allum, Salt, Gum, and others of a Mineral Nature, or participating much of Minerals; It is likewiſe of Mineral or Metalick Nature, by reaſon it may Metal-like be melted by a ſtrong fire as other Mettals be; by all which it plainly appeareth that Salt is Animal, Vegetable, and Mineral, and likewiſe Sea Salt was of much eſteem by the Antient Phyſitians, although they had little skill in it's preparation, they uſing no other way than drying and calcining, and they ſay was then of force to help all obſtructions of the Body, taking away all manner of putrifactions and corruptions of the Body, and putteth away the original of all Diſeaſes: doth it not preſerve Fleſh or Fiſh a long time from putrifaction, being applyed only

in

in it's gross Body, and by vertue of it prepared? nay not onely Flesh, Fish, but all sorts of Fruits, and other green things of Rarity be kept a very long time, and brought even from the *East-India* without loosing Form, Taste, or Vertue.

Metal, Mineral, Stones may be dissolved by it, corrected and amended, and made good Medicine, and many other necessary things may be performed with it.

Preparation of Common-Salt.

TAke Isle of Mayo, Cap de Verd, or Indian Salt, dissolve it in fair water, & filter it through a sevenfold Strainer, after pour it into a earthen or copper Vessel, boyl it up to a dryness, and when 'tis almost dry stir it about with a wooden stick until it be very dry, which Salt put into one or more Crucibles, and set it in a Furnace so that the fire may come round about it, and let it stand so until it be throughout red hot, and do no more crackle, for then it is decripitated or prepared.

Its Vertues.

It serveth for to mix with other Physick to prepare the Body, open Obstructions, and make

make a free paſſage for the operation of other Phyſick.

Spirit of Salt.

TAke one part of fine white Salt, and three parts of fine white ſand, grind and mix them well, put them in a coated Glaſs Retort, ſet it in an open fire and apply a large Receiver well luted, make a fire under it by degrees for ſixteen hours, let the laſt eight hours fire be very ſtrong until your Receiver grow cloſe and all the ſpirit be come off; which put into a Glaſs Retort, and in *B. M.* evaporate the Flegm until it begin to taſte ſharp, which then remove into ſand, and force all over, and you have a pure ſpirit well rectified.

Its Vertues.

This is a moſt excellent and ſafe Medicine to be uſed internally, or externally applyed, it extinguiſheth the preternatural thirſt in hot Diſeaſes, it conſumeth flegmatick humours in the ſtomach, helpeth the Appetite, conſumeth the ſtone, purges the Reins, and is good in the Gout. 'Tis very good to uſe in Julips for thoſe poſſeſt with malign Feavers, it whitens the Teeth being mingled with a little water, and the Teeth rub'd

rub'd with the ſame; outwardly it taketh away proud or ſuperfluous Fleſh from Wounds, Ulcers, or any other parts, it taketh away Warts, it cleanſeth old ſores and prepares them for healing, it helpeth the red Face, taketh away Pimples, or any outward Inflamation.

Spirit of Salt.

Diſſolve Common-ſalt in fair water; then quench burning Coals in this water that they may be impregnated with the ſalt, and put in ſo many till all the ſalt-water is inbibed; which after put into your coated Retort, and diſtil according to art, & you obtain a moſt grateful pleaſant ſpirit.

Spirit of Salt.

Mix two parts of Vitriol or Allum with one part of ſalt, grinde and mix them very well, put them into a coated Retort, and diſtil them by degrees of fire, as before.

Spirit, or Oyl of Salt.

Take of the beſt white Chriſtaline ſea-ſalt, as much as you pleaſe, diſſolve it in

in fair clear Rain-water if you can get it, and when 'tis all diſſolved filter it through a new cotten ſtrainer, and then pour it into a earthen Pan Glaſed, and boyl it away until it is almoſt dry, then keep it continually ſtirring until it is perfectly dry, beat it very fine and put it into one or more Crucibles, place it in a Furnace, ſo that they may be throughout red hot, then take them out, let them cool, take out the ſalt and beat it to fine Powder and put it into the Crucibles, and ſet it to glo until 'tis read hot, this do ſeven times; then diſſolve it in fair water, ſtrain it through a clean ſtrainer, and boyl away the water again to a dryneſs, which put it into a Crucible and let it glo red hot, then take it out and powder the ſalt, put it in the Pot and let it glo again to ſeven times, this diſſolving filtering, evaporating the water and gloing the ſalt in the fire ſeven times, muſt be uſed until the ſaid ſalt will melt upon a red hot plate of Iron like Wax, a little being tryed; and you muſt be very careful that it melt not in your Operation, for then your labor is loſt, but when you find by a little that 'twill melt eaſily, put to it three parts of pure white ſand, put it in a Glaſs coated Retort, apply a large Receiver, by a violent ſtrong fire drive over the Oyl to ſpirits.

Of

Of Salt-Petre.

SAlt-Petre is by art drawn forth of the earth, its Mother, and by often solution, filtration, coagulation is made pure, white and Christaline, in which work you will find the three principals, or beginnings are extracted out of the earth, that is after the evaporation of the water to a skim, the pure Virgin Earth setling in the Liquor, but the true *Salt-Petre*, or fiery and ayrie Part or Mercury, and sulphur congealed to the sides of the Glass or Pan in pure white Christals, in which separation we may see three principles or distinct Natures, which nevertheless do subsist or have a being from one and the same Essence, that which remaineth in the water is a true fixed Salt of the nature of Salt Marine, the other two that Christalized to the sides of the Vessel are Volatile Salt, yet of two distinct Natures joyned in one, and of different qualities, the one being truly Mercurial, of a sower acid and ponderous Nature, and a dissolver of Metals, Mineral, and the most hardest Stones, the other a pure sweet Etherial Sulphur, or the soul and spirit are here united together, called Sak-Petre, which is a special key to the Alchi-

Alchimist, for it openeth the most hardest Bodies, as well Stones as Minerals, and Metals, and hath power to make Volatile, and also to fix and incorporate spirits, and therefore is of a most wonderful Nature, well known to few, for although this Petre well prepared, doth outwardly appear white which is the Mercury, and as Common Mercury doth, yet in it, as I said before is a most pure redness, the like is observed in Common Mercury. This is the true Mercury of the world, as may appear, for if this Body of Petre be put into a Glass and set in Sand, over a fixatory fire without any addition, you will then in some time see in it contained all manner of Colours, which by many will hardly be believed, but a few hours will discover the truth of this matter. This Sulphur being the true fire of Nature, Spirit of the world, or Soul of the Universe; this Oyl without any other addition may be made a true Balsamick Medicine, curing almost uncurable Diseases.

Spirit of Salt-Petre.

TAke three parts of pure white sand, and one part of Petre, grinde and mix them well, put them in a coated Retort, and set

ſet it over a naked fire, lute faſt your Receiver, and let it be very large, make but a very ſmall fire, and in few hours will come over the volatile Spirit, of a very deep redneſs, keep your fire but ſmall as long as this redneſs appeareth, and when it begins to vaniſh, and your Receiver to clear, increaſe your fire and more red *Spirit* will ariſe differing from the former, and not of ſo deep a red; after theſe Spirits have appeared a while, increaſe your fire at laſt to the height, and when your Receiver cleareth and grow cold, although a violent fire, the Spirits are then all come over. If theſe Spirits be put into a glaſs Retort, and placed in *B. M.* with a Receiver luted, make firſt a ſmall fire, and the volatile Spirit will come over, which is known by its colour, next will come over the flegm, and next the true *Spirit*, which are all known by their colours; for when the firſt volatile Spirit cometh, 'tis of a deep red, when the flegm cometh 'tis of no colour, and when the true acid and corroſive Spirits come, the Retort is red and fiery again; you muſt catch theſe Spirits apart.

Their Vertues and Uſe.

This volatile Spirit, which if freed from flegm is always red, it cureth the Cholick, aſſwageth the pains of the Gout, taketh away

away all Tumours and Inflammations; It healeth Scabs, Tetters, and Ring-worms, Cancers, Fiſtulaes, Wolves: It extinguiſheth all Inflammations, Scaldings, the Gangreene; It diſſipateth and conſumeth congealed Blood in the body, being applyed outwardly in ſome convenient waters, and uſed inwardly.

As for the acid corroſive Spirit, its uſe is of little worth in Phyſick, but in dealing in Mettals and Minerals 'tis of ſpecial uſe.

Aqua-fortis.

TAke three pounds of Vitriol, and two pounds of Petre, let them be well ground and mixed, and diſtilled as ſpirit of Niter, or Salt-petre, and you will have the ſame ſigns appear as did there, until all the ſpirits be came off.

Its Vertue.

It is not uſed at all in Phyſick, but for Mettals, Minerals, and Stones, to reduce them into Vitriol, Calx, Flowers, and Grocates.

To make a ſulphurous Aqua-fortis.

TAke of Salt-petre 1 ℔. of Danſick Vitriol 24 ounces, of powdered Sulphur four

four ounces, grinde them well together, put them into a coated Retort, and diſtilled as *S*pirit of Niter.

Aqua Regis.

IN one pound of Aquafortis, put four ounces of white decrepitated common Salt, rectifie it by a ſtrong fire two or three times, till all the Salt come over with the ſpirit, and nothing remain. In ſix ounces of this diſſolve two ounces of Salarmoniack that is three times ſublimed, and it will be very ſtrong.

Water and Spirit of Salarmoniack.

TAke of Salarmoniack one part, and of Salt of Tartar two parts, mix them into a Paſte, by addition of common water, and put them into a Retort, place it in an open fire, apply a large Receiver cloſe luted, and diſtil it firſt with a ſmall fire, and then increaſing it according to Art, the ſpirit will come over into the Receiver, which you muſt pour into a Glaſs and ſeal it up with hard wax. In the neck of the Retort will riſe a ſublimate, which taken out and placed upon a ſtone, will reſolve it ſelf into

into a water, and is called Water of Sal-armoniack.

The Vertue of the Spirit.

The Spirit rectified is ſharp and penetrating, for eight or twelve drops taken in a convenient Vehecle, doth penetrate the whole body, cauſing ſudden ſweat, opening the obſtructions of the Spleen, cures Quartans, the Cholick, Suffocation of the Matrix, driving out malign humours by ſweat; It cureth outwardly the Eryſipilas, Gangreene, allayeth the pain of the Gout, allayeth ſwellings, diſcuſſeth congeal'd blood, helpeth benummed members.

Purified Niter, or Lapis Prunello.

TAke a Crucible, place it in the fire, fill it full of Petre, even up to the brim, the Salt-petre will melt, when it is melted caſt in one ſpoonful of pure ſulphur in powder, which immediately will take fire and be conſumed, the flame ceaſing caſt in more, and this continue until all the fire of the Niter be perfectly precipitated to the bottom of the pot, and it become ſo clear in melting that you may ſee the bottom of the Crucible through the Niter, which being done, pour it out into a Copper tinn'd veſ-

ſel

sel heated, and spread it all over the bottom, which immediately put into cold water that it may not stick too fast to the bottom of the Kettle, and your Petre will in its coagulation look pure white, and very clear.

Its Vertues.

This purifying of the Nitre causeth it to be less corrosive, more airy and penetrating, it cools much, and resists corruption, and is Diuretick, therefore very good in Inflammations, or Ulcerations of the Reins; the Dose is from 1 scruple to a dram inwardly

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Spirit of Salt-Petre.

TAke three or four pound of Niter, put it in a large Glass Retort, and place it in a Sand kettle, so that you may be able to make a great fire under; make a small fire first, and that continue for four hours, then make your fire somewhat bigger for four hours more, after that increase it for six or eight hours to the very height, as if you were distilling Aquafortis, and you will finde the Spirit cleaving to the out-side of the Glass, which sweep off with a feather, and keep for your use.

Its Vertues.

This pure sulphurous Niter and penetra-

ting Spirit is moſt wonderful; a few grains penetrateth the whole body, openeth all obſtructions, conſumeth thoſe things amiſs in the body, even as fire; It expelleth the Epilepſie, Convulſions, cureth the Fits of the Mother, the Hypocondraick Melancholy, the Tertian and Quartan, and all diſeaſes proceeding from obſtructions, or corruption of Blood, the Cholick, outwardly the Gout, Fiſtulaes, Ulcers, Cancers, *&c.*

Of Vitriol.

VItriol (as ſaith *Paracelſus*) is a very noble and excellent Mineral, and was always held in great eſteem by the Fathers of this Art, by reaſon of its great endowments, and is called *The Philoſophers Earth*, wherein is contained the true Salt, Sulphur, and Mercury of the Philoſopher, which are to be ſeparated by a peculiar manner, preſcribed by Nature it ſelf, and not by any violent Calcination, or Diſtillation; for by this way the true Greenneſs being the ſoul, ſeparateth it ſelf from the body, and leaveth it dead, it being converted into a red volatile Sulphur. Now Vitriol containeth in it ſelf many vicious imperfections, and therefore before you attempt to obtain this Arcanum,

canum, you muſt ſeparate thoſe imperfections, of which the manner followeth.

Purifying of Vitriol, of Sympathetical Powder.

TAke very good Roman, Hungarian, or Cyprus Vitriol, powder it, put it into a glaſed Veſſel, and pour upon it ſo much water as will diſſolve the ſame, ſtir it well about, and when 'tis ſettled, pour the coloured water through a Strainer of Cotton into a copper Kettle, and if all the Vitriol be not diſſolved, put on more water, ſtirring it well, and after the filtering it well pour it to the reſt; which being done, and all the Vitriol extracted, caſt away the yellow ſeddiments, being nothing but common Sulphur and other impurities; ſet the Kettle upon the fire and boyl away about one third or more, until the ſign appeareth with a skin on the top, then take it off, pour it into an Earthen glaſed Pan, ſet it in a cold place chryſtal will ſhoot, which take out, the remaining water boyl up again till the ſign appear, and pour it off into the earthen Veſſel, ſet it to chryſtalize as before, which Chryſtals take out and put to the other, and dry them by the ſun, or before the fire

gently, and after powder them, diſſolving, filtering, and coagulating them as at firſt, till the five times, or until no ſettlements be at the bottom of the Solution, but all remain pure, and of a blewiſh colour; which work of purification being ended, let be put in an earthen Pan and covered, that no defilement come to it, and let it be ſet in a very ſmall heat until it be converted into a white powder, which is called *The Sympathetical Powder*; which Powder, if good, you may caſt it into a Baſon of water, it will colour it blew, and if it do not 'tis good for nothing.

Calcination of Vitriol.

TAke Danſick Vitriol (which is the beſt to draw a ſpirit from) put it into a Earthen Glaſen Pan, and ſet it over the fire, and 'twill in a ſmall time melt, ſtir it with a ſtick and let it be upon the fire until it has loſt his Greenneſs, and is turned ſomewhat yellowiſh, break the Pan (for otherwiſe it will not come out) and take the Vitriol, Powder and ſift it for your further uſe, to diſtil the Spirit and Oyl, and for the ſublimation of Mercury.

But if you will calcine it red for the uſe of Chy-

Chyrurgions, its then called Colcother of Vitriol, and is made thus; Take an Iron Kettle very clean, and put as much of the calcined Vitriol in Powder as you please, spread it thin upon the bottom of the Kettle, make a fire under and at last your Vitriol will begin to fume, keep your fire prety big, and stirring it with an Iron Rod, till at last it be as red as blood; then let the fire cease, let this be three or four times washed with fair water, and keep for your use after 'tis dryed.

Its Use.

Its use is to make the Chymical Plaister before mentioned, or to put in other Plaisters according to the will of the Chyrurgion, or if it be mixed with any unguent, and be laid on an ill Ulcer, it maketh a Skar which you need not endeavor to take off, but continually lay more on, and leave the Skar in the Sore; for the vertue of this Vitriol is so great, that it causeth the flesh to grow under Skars; and when the flesh is enough grown, it will fall off, and then you need nothing but to skin it.

The preparing of Vitriol, and the making Ens Veneris.

TAke the Colcother of Vitriol, or rather the Caput Mort of Aquafortis that is

made of Vitriol & Salt-petre, being burnt to a sad redness, let the Salt be all drawn away with fair water, and after dryed and powdered, pour upon this matter the Spirit of Salarmoniack or Urine, stir it well, and let it dry again before the fire, and do this moistening and drying seven times, at last powder it, and mix with it two parts of Salarmoniack purified, grinde and mix them very well, put them in a Glass Retort, and place it in sand, and by degrees of fire sublime for twelve or fourteen hours, stopping the mouth of the Retort with a little Cotton, and the Ens Veneris will be in the neck of the Retort of a yellow colour, put it to its weight of Colcother, mix them well, and sublime them again, and once more if you please by its self. *Its Vertues.*

'Tis a famous Anodine, suppressing all noxious humours, causing rest; the Dose is three or four grains.

Spirit and Oyl of Vitriol.

Fill a Retort almost full of Vitriol powdered and calcined white, as before, place it in a Winde-Furnace, and apply a large Receiver well and close luted, make a small fire for forty eight hours, and after in-

increasing your fire to the highnst, till your Receiver groweth clear and cool, which which then take off and put it into a Glass Retort, place it in sand and apply a Receiver, distil off the Spirit and the heavy Oyl will remain pure and clear.

A Rare Spirit of Vitriol.

TAke Vitriol calcined onely to a whiteness powdered, put it into a Retort well coated, place it in your Wind-Furnace and apply a large capacious Receiver, whose body let lye in moist sand, and let it be fast luted to the Receiver, and let a very small fire be made under it for forty eight hours, then you may increase your fire greater for twenty four hours more, and to the highest degree you may, or possible you can for twenty four hours more, or until the fumes cease, and the Receiver grow cold; before the Receiver be cold take it off, and pour it into a Glass, stop it close. The Caput Mort, or Colcother, take out, powder it, and mix it with its weight of Sulphur, put it in a strong fire, and calcine it throughly. Powder it and put it in a Long-body, and pour upon the same as much of the distilled Spirit as may moisten it, then place it in sand

and abſtract the flegm, and the Spirit will remain inbibed by the Colcother, then put on more, and do this ſix or ſeven times, till at laſt it will inbibe no more, which you may know by its ſtanding coloured red on the top; dry this matter well, put it in a Retort, and let it be diſtilled by a violent fire until all be perfectly come over, and of a yellow colour, and a moſt pleaſant ſmell; take away the Receiver whileſt hot, & pour the ſpirits in a glaſs, which keep cloſe ſtopt.

Its Vertues.

It moſt certainly cureth the Epilepſie, Convulſion, in all obſtructions of the body, purifieth the blood from every diſeaſe; cureth Pox, Gonorrhea, the Gout, Dropſie, Scurvy, Hypocondraick Melancholy, the Apoplexy, Palſie, Coma, Lethargy, the Cholick, *&c.*

Red Oyl of Vitriol.

TAke Colcother of Vitriol powdered one part, and two parts of Powder of Flints, mix and grinde them well by themſelves, and after grinde them into a Paſte with ſpirit of wine, put this matter into a Glaſs or Earthen Retort, in a reverberatory fire, with its Receiver diſtil it according to Art, and you

you obtain a heavy ponderous Oyl, to be uſed with Mettals.

Spirit and red Oyl of Vitriol.

DIſſolve Vitriol in common water, filter it from reſidence, pour upon the green water ſome Spirit of Urine or Salarmoniac, and the green will ſettle and the water clear up; pour off the clear water, and coagulate it into a white maſs, which powdered and put to two parts of fine white ſand, in a Retort place it in ſand, and diſtil from thence the Spirit, or elſe you may reſerve the Salt, and 'tis a good purge; about 24 grains take. The Earth remaining, you may dry well and mix it with powdered Flints, and diſtil it into a blood red Oyl.

Its Vertues.

This Oyl perfectly cureth the Falling-ſickneſs.

Ens Veneris.

TAke purified Roman Vitriol, diſſolve it in fair water and filter it, pour upon it ſo much Spirit of Urine or Salarmoniac as will precipitate the green or blew Sulphur, let it ſettle and pour off the water,

and waſh it very well from ſalt, and bedew it again with Spirit of Salarmoniac, and gently dry it; this dewing and exicating by the ſun, or before a fire, do ſeven times, and 'twill be a moſt fine ſubtile Powder. Take half of it, and add to it twice its weight of Salarmoniac purified, grinde and mix them very well, put them in a ſmall Retort in a Sand-kettle, but ſo that the fire may come round it, make fire by degrees, and at laſt a very ſtrong fire, and the Sublimate will riſe green, and partly yellow, leaving a Regulas behinde whitiſh; grinde this Sublimate and add it to the other half part, mix it well, put it in another Retort, ſublime it again, caſting away the Fecies, grinde this Sublimate again by its ſelf, and ſublime it until it be fixed and will riſe no more.

Arcanum of Vitriol.

VItriol being purified, as in the deſcription of the Sympathetical Powder, muſt be digeſted in ſeveral Glaſſes cloſe ſhut, for ſo long until various colours appeareth, and at laſt the higheſt redneſs, which being brought to this paſs, powder it, put it in a Glaſs Long-body, pour upon it diſtilled Rain-water a little warm, ſtir it well, let it ſtand

ſtand twenty four hours, and then decant it, and put on more warm diſtil'd Rain-water, which work reiterate ſo long as any acidity or ſharpneſs may be attracted from the Earth: the Waters put together, and after filteration put it in a Long-body, place it in Sand and draw off about two thirds of the Water, which done ſet the Glaſs in a cold place, Chriſtal will ſhoot, which with a wooden ſpoon take out, the remaining water evaporate again, and let it ſhoot as before, and this Evaporating and Chriſtalizing muſt be uſed ſo often until all the Salt is converted into Chriſtals, which you may put altogether and dry them by the fire or the ſun, and if they be not pure and white you muſt diſſolve, filter, and coagulate them again, as in the making of Salt-Petre out of the Earth, for the proceſs is the very ſame. This pure Salt put into a Glaſs Retort, ſet in Sand with a Receiver well luted, make fire by degrees, and you obtain your Acetum, which rectifie from all defilements, and 'tis prepared; take now your Earth very well dryed, pour upon it this Spirit that it overtop it three fingers bredth, ſet it in digeſtion and the Spirit will be tinged of a yellow colour, ſomewhat rediſh, which ſpirit decant and put on more, and extract all

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the tincture, put all the tincture together abstract the Spirit so often in a gentle fire per Retort in Sand, until all the tincture come over in a golden coloured Oyl, sweet, fragrant and pleasant, which is the Arcanum of Vitriol, the Earth remaining white.

Its Vertues.

It cureth perfectly the Falling-sickness, and Convulsion in young or old, the Blood in the whole Body is hereby renewed, and the Gonorrhea, Pox, Gout, Leprosie, and other such like Diseases perfectly cured, Surfet, Plurefies, Feavers and Agues of all sorts, and is counted for a Panacea in all Diseases.

Of Antimony.

ANtimony or Stibium is of kin to common Lead, and like an abortive thrown out from him before his perfection, by reason of his too much Sulphur, neither could he arrive to the perfection of a Metal, for it overmuch abounding with Sulphur doth overcome the Mercurial part, that it cannot attract Salt sufficient for his coagulation into a fusile or Maluable Body, and therefore remaineth a Mineral, and that meerly Volatile poysonous in its crude Nature, and hurtful to the body of man, which ha

has made it be condemned and thrown aside by many men, yet it is a most certain truth that by experience is found, that one Poison may attract and expel another by its attractive quality; that is, the attractive Poison must first be prepared, that its medicinal faculty may be transmuted into such a Medicine sufficiently able to destroy the other Poison by its attractive Power. As for example, a Toad in its self is meer Poison, yet if first dryed in the Sun, after put into a pot with a cover close luted, and to burn to ashes, if these ashes be laid upon a place stung or venemously bit, or the like, you shall see one venom attract the other, and the place freed from venome; the reason hereof, because the vertue of the Toad by his preparation is opened and rendred effectually powerful to attract its like Poison; as Oyl, or Fat will stain, or defile Cloath, but being prepared into Soap, it atttracts its like, and then no more able to stain or defile, but has power to attract or take away such defilements; so Antimony, though full of venomous Arsnical qualities, after his Poison is taken away, may be transmuted into Medicine, which never more for the future retaineth Poison, but be so able and effecatious as to attract the Poison of Diseases to it

self,

ſelf, and expel it out of the Body, with it ſelf. Now by reaſon every one that is willing to operate in Antimony, know not how to diſtinguiſh the good from the bad, know that the beſt being broak is of a yellowiſh or golden Caſt, with broad ſtreight veins, ſhining like ſilver, and is of a Golden Nature, abounding with Mercury; the other looketh pale and dull, has no yellow Caſt, neither are the veins broad or ſtreight, and this abounds with more Sulphur.

Vitrium, or Glaſs of Antimony.

TAke Antimony finely powdered, lay it very thin in a Earthen or Iron Pan, ſet it over the fire, and when it begins to fume ſtir it with an Iron Rod until it ceaſe to fume; but if it chance to grow too hot that it run into a lump, let it then cool, take it off and beat it fine again, and lay it very thin as before; calcine it until it be white, this white Powder put in a Crucible, place it in a moſt violent fire, that the Antimony may flow like water, then put in an Iron Wire that it may ſtick to the ſame, which hold up againſt the light, and if it be tranſparent 'tis ſufficient, then pour it out into a Copper Pan by little and little, and you obtain a yellow tranſparent Glaſs.

Its Uſe.

It is uſed powdered about eight or ten gr. ſteept in Sack all night, the next morning ſtrained and the Wine drank, in ſuch Diſeaſes requiring Vomiting, it likewiſe purges by ſtool alſo.

Regulus of Antimony.

TAke Antimony one part, and calcined Tartar two parts, powder or grinde them well together, and fuſe them ſtrongly in a Crucible for one hour, pour it out into a heated Cone, the Regulus will ſettle, which when 'tis cold, ſeparate the Fecies about the Regulus containing, the Sulphur of Antimony reſerve for further uſe.

Its Uſe.

It purges both by Stool and Vomit, yet much more milder than the Vitrium.

Diaphoretick Antimony.

OF Regulus one part powdered, and three parts of pure Niter, grinde and mix them well, put them in a Crucible, and let them fuſe for half an hour, and then empty it in a Cone, 'tis a white Maſs, waſh away the Salt by often pouring on of warm water,

water, and dry the Powder by the Sun or the Fire, the Water evaporated leaves a Salt called Sal Prunella, and far better than that made by Sulphur.

Its Vertues.

This Dose is from a Scruple to a Dram, given in any Disease requiring Sweat, its Dose is for Children, to 12 gr. to elder Folk from 30 gr. to a dram.

Tincture of Sulphur of Antimony.

TAke the Fecies of the Rugulus before, powder it, make a Lixivium, pour upon it Spirit of Urine or Salarmoniac, distil it by a gentle heat in sand, and there will come over a fair Tincture. Whilest it is yet dry pour upon it the spirit of Urine, and it will extract the Tincture of the Sulphur, decant the same and put it into another glass, draw off the spirit of Urine and there will remain a blood red Liquor, which extract with spirit of Wine, and the Tincture will be yet fairer, and if it stand in the sun two moneths it will be very pleasant. The fecies of the Regulus before, if water be added and a Lixivium made, it cures all Sabs.

If you pour Vineger, or any other acid Spirit, there will precipitate a red Powder, which

which edulcorate and dry the ſame. It is called *Auratum Diaphorecum*, or the Golden Diaphoretick, but cauſeth ſtrong Vomits, and therefore falſly ſo named; for from 10 to 20 gr. worketh both by Vomit and Stool.

Regulus Martis.

TAke Antimony two parts, filing of Steel one part, burnt Tartar four parts, beat them finely and mix them well, and fuſe them in a ſtrong fire and ſet it to cool, the Regulus will ſettle, break the pot, take out the Regulus, and add to it twice its weight, melt it as before, and let the Regulus ſettle, and do this three times and it will be pure white and ſhining like the fineſt ſilver, and is called *The Star of Antimony.* If this Regulus be often ſtilled by fire with the Salt of Tartar, it will at laſt be conſumed, which then reſolved in the air it turns to an Oyl, and by often calcination and reſolution, it will at laſt come over the helm. This Regulus may be made with Petre and Tartar, but 'tis far more excellent if it were made of Petre alone: this after it is fixed, if it be made volatile, diſſolveth all bodies, both Mettal, Minerals, or Stones.

Crocus

Crocus Metallorum, or Liver of Antimony.

MIngle one pound of Antimony finely beaten and sifted, to one pound of Salt-petre, then set a Crucible in the fire, and heat it red hot, put in one spoonful of the matter after another until the Crucible be full, cover it with a tyle, and make it fuse, and pour it into a Mortar heated, which being cold is like a Liver, and beaten to Powder called *Crocus Metallorum.*

Its Use.

This both vomiteth and purgeth; the Dose is from 10 to 20 grains, or else may be used by Infusion, *viz.* about half a dram infused in one ounce of Wine all night; or put one ounce of this Liver to one pound of Wine, whereof you may drink to two ounces.

Fixed Powder of Antimony.

TAke very fine sifted Antimony, pour upon it a Lixivium of Petre, let it overtop the Antimony four or six fingers in breadth, set it in sand, and make a strong fire for ten or twelve hours and then cease, decant the water, and then boyl it away till it is perfectly dry, fuse it in a Crucible, and pour it

it out in a Cone, after bray it whileſt hot, and pour upon it Spirit of Urine, and extract all the Tincture, abſtract the Spirit of Urine, and abſtract it again with Spirit of Wine, abſtract the Spirit of Wine, and a red Powder remaineth.

Its Vertues.

It driveth forth coagulated Blood, and opens all Obſtructions of the whole Body, breaketh Impoſthumes, radically cureth the Lues Veneria; the Doſe is 30 gr. and may be taken two or three times a day.

Balſam of Antimony.

TAke one part of Antimony, half a part of fine common Salt, and ſix parts of fine Sand, grinde and mix them well, and diſtil them by a moſt violent fire, and a red Oyl will flow, from which abſtract the moiſture to a dryneſs, grinde it and place it upon a Marble, and a pelucid Balſam will flow. Excellent in all Wounds, Ulcers, Fiſtulaes.

Oyl of Antimony.

TAke Mercury ſublimate finely ſearſed, and Antimony ſearſed, of each equal parts,

parts, put them in a coated Retort, and set them over a Reverbatory fire, make a small fire until the thick Oyl, like Butter, be all come over, and if it chance to stick in the neck of the Retort, hold a little fire under and 'twill melt and run down into the Receiver. This Butrium let stand in the Air, and it will attract a moisture to make it more thinner.

Its Use.

This Oyl is used by Chyrurgeons in such wounds as are desperate and almost incureable, by dipping a feather in it, and touching the part, so to separate the impurity, *&c.* as in the Cancer, Wolf, Noli-me-tangere, *&c*

Cinaber of Antimony.

AFter the Butrium is all come over, make a strong fire by degrees, and there will rise in the neck of the Retort the Cinaber of Antimony. *Its Vertue.*

'Tis a good Diaphoretick in the Pox, Gonorrhea, and the Dose is to 20 grains.

Mercurius Vitæ.

TAke of your Butrium as much as you please, upon which in a Glass pour a great

great quantity of water, and the white flowers will settle, decant off that water, and wash it ten times more, or until it be sweet, then dry it by the sun, or the fire, and put it up for your use. *Its Use.*

This is not fit to be given to Children, weak people, or such as are not used to vomit, but in strong bodies, 'tis a good Medicine for the Pox, Gout, Scurvy, Dropsie, Feavers, *&c.* It is good for those that are Scorbutical, or possest with the Hypocondraick Melancholy; the Dose is from five to eight Grains.

Bezoardicum Minerali.

TAke what quantity of Butrium you please, put it into a Gallon Receiver of Glass, pour upon the same drop by drop, until the ebullition end; put on so much more as will make it the weight of the Butrium, as soon as it is done, pour a great quantity of cold well-salted water, and the precipitate will settle white, let it settle for 10 or 12 hours, after wash it with fair water.

Its Use.

It is a good Sudorifick against all Diseases requiring sweat, as the Plague, Pox, Feavers, Scorbute, Leprosie, used from 8 to 30 gr. in a proper Vehicle. *Flow-*

Flowers of Antimony.

TAke one part of Antimony finely powdered and searced, two parts of white Salt, & four parts of Danfick Vitriol, grinde and mix them very well, put them in an earthen Jugg, commonly call'd a *Long-neck*, place it over the fire, apply a Receiver luted having one pound of water in it, make a fire by degrees, and at last as strong as possible you can make, for the Flower wil come over both yellow and white. If you draw off the flegm and set them in the air, or in a cold and moist place, they will resolve into Butter. If you onely wash them with fair water often, and dry them, they are of the same nature of Mercurius Vitæ, and the Dose is the same. If the Flowers be dissolved in Spirit of Petre, the Spirit again abstracted from thence, it leaves behinde it a fixt Powder, which is *Bezoardicum Minerali*

Tincture of Antimony.

TAke one part of Regulus Martis, and four parts of purified Niter, mix them well, and in a Crucible fuse them into a blew Mass, which pour out whilst hot, bray it and mix with

with it one part of the pure calx of Gold, that has been seven times extracted with Aqua Regis, and after reverberated with Sulphur, put it into the Crucible again, and fuse it into a clear transparent Rube or Colour; which pour out into a heated Cone, and bray it whilst hot, and pour upon the same of the best rectified spirit of Wine, and extract the Tincture, leaving only a white Body behinde; the tinged spirit of Wine put in a small Retort, and draw off the half part, and keep the remainder as a Panasea.

Its Vertues.

It is a most pleasant and general remedy in all Diseases, and cures those that are hurt by Mineral Vapours, or hurt by Arsnick or Mercury.

Sulphur of Antimony.

TAke six ounces of Antimony, 12 ounces of purified Petre, 2 ounces of Common Salt, one ounce of powdered Char-coal, mix them well and cast them in a red hot Crucible one spoonful after another, until the Crucible be full, or all your Materials in then, let melt or flow one quarter of an hour and then pour it out in a heated Cone, when 'tis cold, pour hot or warm water upon it, and

and this do ten or twelve times till 'tis well dulcified, and you have a yellow Sulphur, which dry and put up for your use.

Salt of Antimony.

TAke the Regulus of Antimony made per se, powder and search it, put it in a Long-body, put it in Sand, and by a moderate fire the Antimony will sublime, but every day brush down what is sublimed to the bottom, which do until it all remain fixed, then take it out and grinde it most subtilly, leave it in a Cellar upon a Marble, and in half a year it will resolve into a Liquor, some Fecies remaining, for the Salt only melts; filter this Liquor, abstract the Flegm in *B.* to a thick Liquor, set it in a moist Cellar, Chrstial will shoot of a rediſh white, which pure until they be white; Salt of Antimony may be obtained in half the time another way.

Vineger of Antimony.

TAke the Ef. or Mineral out of which Antimony is melted, beat or grinde it to very fine powder, put it into a Long-body, pour into it distilled Rain-water, that the

Glas

Glass may be half full, lute it about, putrifie it in *B. M.* or Horse-dung, until the Ef. begin to form or froth, put this digested matter in a Crucible, lute on a head and to it a Receiver, and abstract the water which will be a little acid, which being drawn off, increase the fire somewhat sublimer, which mix again with the Fecies, moisten it again with the Water, that was extracted from it, and distil as before, which labour you must reiterate until it be so strong as distilled Vineger. Every time putting down the sublime to the Fecies, pour this Vineger upon new easily, set in a small heat for twelve days, it will have extracted a redness; this Vineger separate so that no Feceies come with it, and again separate the Vineger from the red Tincture, the Tincture again extract with spirit, and reserve it as a supream Medicine; rectifie your Vineger in *B. M.* that the Flegm may be separated, then to one pound of Vineger put four ounces of the Salt, distil it in Sand strongly, so the Vineger will be more fortified.

Its Use.

This Vineger allayeth Gangreens, helpeth Scalding or Burnings, and if it be ground with the Sulphur of Lead, so thick as an Ointment, then mixt and ground with Sal

Prunella and the Water of Endive, it divideth and cures the Squinancy, and extinguish all preternatural heat.

Mercury of Antimony.

TO the powdered Regulus put the Spirit of Tartar, close stopt digest it two months then abstract the Vineger to the remaining matter, add four times its weight of filings of Steel, put it in a Retort, applying a Receiver close luted, and half full of water, urge it by a strong fire, the Mercury comes in fumes, and turns to true Quick-silver.

Sulphur of Antimony.

TAke Antimony as it comes out of the Mine, of the best, and Petre purified, of each equal parts, grinde and mix them well set fire from above, and a dark matter will be left, the Alcali being separated, make Glass as before, which Glass powder and fearce, and with the Vineger of Antimony Extract all the Tincture, the Tinctures put in a Glass by themselves, drive off all the Vineger in *B. M.* and a powder remains, which again extract with highly purified Spirit of Wine, separate it from the Fecies and

and thou haſt a moſt red Extraction profitable in Medicine.

Its Uſe.

It purgeth the Blood, cureth the Aſthmatick, P'tiſick, it allayeth the Cough, and cureth the diſeaſes of the Lungs, and moſt violent Diſeaſes.

Acid Oyl of Antimony.

TAke Antimony, Sulphur, Petre, of each a like quantity, put them under a Campane, and diſtil them according to art, and there will come an Oyl reſembling the common Oyl of Sulphur, but much more ſtronger by reaſon of the addition, but if you add two parts of Salt-Petre, you will have more Oyl, by reaſon it will be more free in burning.

Its Vertues.

It has all the Vertues of the common Oyl of Sulphur, and operates more potently, it inwardly doth help the defect of the Lungs, and outwardly to all old Sores, or Ulcers.

Purge of Antimony.

TAke Flower of Antimony, and grinde them with their weight of decripitated

Salt, put them in a gentle Body in Sand, and let them ſtand 16 hours in a good ſtrong fire, the which let cool and ſeparate the Salt, and dry for your uſe. Theſe Flowers onely purge downward, for the Vomitive quality of the Flowers lying in a Volatile Salt is hereby ſeparated, and therefore rendered wholly purgative.

Of Arſnick.

An eaſie Way of purifying Arſnick from its venimous qualities.

TAke Arſnick what quantity you pleaſe, put it in a glaſed Pot finely ground, mix therewith the beſt and ſweeteſt Oyl-Olive, ſo that it may be all like an Ointment, and after put ſo much more of the ſaid Oyl that it may overtop the whole two fingers breadth, make it hot at a gentle fire for one hour, and then the Oyl will be very black, which decant and add more Oyl, and do as before until the Oyl at laſt comes off as clear as it was put on, after waſh the Aſnick with a Lixivium of Petre that the unctuouſneſs of the Oyl may be taken away, and after cleanſe it from its fixed Salt, for it is prepared.

Its

Its Vertues.

It is used and approved by some to be a good Diaphoretick in dangerous Pestilential Diseases.

To Sublime Arsnick.

TAke Arsnick one part calcined, Vitriol two parts, grinde and mix them well put them into a Retort, set it in a sand kettle, make a gentle fire under for six hours, after increase it according to art, and it will rise in the neck of the Retort, part Christaline, and part in fine Flower; the Christaline part you must resolve and keep for your use, casting away the light powder; this must be two or three times sublimed from fresh Vitriol, and afterward sublimed with its weight of Flowers of Sulphur Vive.

Its Vertues.

It is used to move Sweat, and in Diseases of the Lungs, the dose is 8 gr. it cureth outwardly Cancers, and malign Ulcers..

Fixing of Arsnick.

TAke of Arsnick and Petre of each equal parts powdered, put them in a Crucible and fuse them for ten or twelve hours, and

they will be in a blew Maſs, with Spirit of Urine, you may extract the blew Tincture, and after with Spirit of Wine, if the Chriſtals of Arſnick be only fuſed, and then reſolve it to an Oyl; It cureth the Cancer, or any other old eating Ulcers, If Arſnick be mixed with two parts of Salt, and four parts of calcined Vitriol, yields a Butter like Antimony for the ſame uſe.

Looking Glaſſes made by means of Arſnick.

ALthough this be nothing to our purpoſe, yet conſidering it falls in our way, I have thought good to ſet it down, which you may read if you pleaſe, if not you may paſs it over; take Arſnick prepared with Oyl before the addition of fixed Salts, of this one part of thin Lancers or Plates of Copper four parts, moiſten the Plates with the Liquor of fixed Petre; and make *ſtratum ſuper ſtratem* of Arſnick and Venice until the Crucible be full, which done put on the cover very faſt luted, and dryed, place it in Sand, ſo that onely the top of the cover may be out, adminiſter fire firſt ſmall, ſo increaſe it until all the Oyl be evaporated, and when it ſhall be cold break the Crucible, thou ſhalt finde the Copper very white, and well prepared

pared for your use. Take of Copper one part, of Tin two parts, put in first the Tin, melt it with a quick fire and add the Venice, pour out the mixtures, you have a very hard Metal: take off this hard matter one part, and of pure Tin three parts, effuse it and a hard white Metal will be made, serving for the making Looking-Glasses; or thus, take of Arsnick prepared with Oyl and fixed Petre, one part, of Copper six parts, of Tin two parts, which fuse and melt as before into the matter of Glass.

Tincture of Arsnick.

IF after the strong fusion of Petre and Arsnick, you extract the Tincture which is blew, and add it to the Tincture of Luna, let it stand 14 days in digestion, and then abstract in *B.* all the Spirit of Salarmoniack, upon it then pour Spirit of Wine, extract all the Tincture, filter this Liquor from Fecies, and abstract the most part of the Spirit of Wine.

Its Vertues.

It is used in Diseases of the Lungs, and for Ulcerations of the mouth and other parts, and may be safely used inward and outward, without any danger.

Of Flints.

Powder of Flints.

TAke Flints what quantity you pleaſe, heat them glowing hot, & quench them in cold water, and they will crack and look whitiſh, which after you may pulverize, ſearce, and keep for your uſe. *Its Uſe.*

This Powder is uſed and approved by many in the Diſeaſe of the Stone.

Oyl of Flints.

TAke Flints prepared as before, mix them with half ſo much of purified Salarmoniack moſt ſubtilly ground together, put them in a Retort, ſublime them by a ſtrong fire in ſand, this ſublimation uſe ſeven times from its feces, and there will riſe a fair Sulphur, which in a cold and moiſt place will reſolve into an Oyl. *Its Vertues.*

This Oyl conſumeth the Stone, and expelleth the ſame, mightily increaſeth mans natural ſtrength, being given in any liquor, it diſſolveth calcined Gold, and carrieth it over the helm. This Oyl may be made by diſſolving the Flints, or more properly extracting

tracting this Sulphur with graduated Spirit of Salt, the flegm extracted in *B.* the remainder will upon a stone resolve into an Oyl of the same nature, as before.

Artificial Precious Stones.

OF Flints may be made Artificial Rubies, Emeralds, Amethists, Saphires, *&c.* seeming very much like Natural, for which purpose you must have Flint that are not coloured, which you may know, for which they are quenched in cold water, if any Mettal be in the stone 'twill shew it in veins, of red or other colour; or you may use the pure, clear chrystaline Pebles gathered by the sea side, or of Chrystals of Flints, *&c.* prepared into Powder, and of pure Salt of Tartar, of each alike, and of the colour you intend, so much as is necessary, fuse them so long till the Salt of Tartar be evaporated, and the Flint and colour be like fusible Glass, which is known by putting in Iron-wyer.

Salt of Chrystals.

TAke of Chrystals prepared in Powder as the Flint, put them into a Crucible with

two parts of Niter, fuse them for some hours and then separate the alcali with often ablution with water. *Its Use.*

The Chrystal thus prepared, are good Diuereticks and Stone-breakers.

Of Talck.

REduce English Talck, or Venice Talck into fine powder, wash it well with water, until it come off clear, and dry it, then dissolve it in Aquafortis, and when the solution is made, precipitate the matter with Spirit of Wine or Urine, and it will precipitate, which wash well with water, and keep it for your use. *Its Use.*

It is a very good Fucus, and is used in the deformities of the skin, as the Freckles and Sun-burnt.

Calination of Talck.

TAke one part of Talck, and four parts of Salt-petre, grind and mix them well, and artificially distil them in a Vessel containing burning coals, let a large Receiver be applyed, and you obtain in the Receiver Flower and Spirits, and in your Distilling-vessel will remain a white mass, and sometimes

times a little reddiſh, which take out and diſſolve it in fair water, and a white powder will precipitate, which waſh well and dry, and keep for your uſe: but if it precipitate not well, then a little Spirit of Vineger, or Salt, and 't will all precipitate; dry this powder and keep it for your former uſe, the Flower may alſo be dulcified, and keep for the ſame uſe.

Spirit Flores, of Zinck or Spelter.

IF two parts of Spelter be mixed with one part of Salt-petre, and diſtilled as that of Talck, you obtain a great many Flowers, with a Spirit and Oyl. *Its Vertues.*

They provoke Sweat abundantly, and ſometimes Stools and Vomits, the Doſe is two Grains, outwardly they conſolidate freſh Wounds, old Sores, ſuch as alwayes drop water, they are great dryers, they may be ſtrewed by themſelves, or made up with ſome unguent, and in plaiſters, or in deep wounds, let a Suppoſitory be made with Honey and theſe Flowers boyled together to a hardneſs, and ſo put in the wound, and over it a ſame plaiſter. If ſtrewed upon the place healeth the galding of children, or others.

Pre-

Preparation of Lapis Calaminaris.

TAke one part of Lapis Calaminaris, and three parts of Petre, let all be powdered, and well mixt, and put in a very clean Iron-kettle, and a fire made under until it melt; keep it thus fuſing until the maſs be of a deep green colour, which ſign appearing take it off, and before 'tis cold put in a good quantity of fair water, and all the greenneſs wil be extracted out of the fecies, which immediately decant in a Glaſs-body, let it ſtand a little, the green will precipitate in a red powder, which edulcorate and dry for your uſe. Or if yon take the water before the green be precipitated, and coagulate into a green maſs, you may extract the Tincture with the *Spirit* of Wine, the moſt part of the Spirit again extracted, you have a Tincture of the Nature of Gold of excellent uſe.

The Vertue of the Powder and Tincture.

It hath the ſame vertues of the Flowers of Antimony, but more effectual and far more ſafe, it cauſeth gentle Stools and Vomits, purging forth choler, and evacuating flegmatick humours from the ſtomach, and ſuch other tough humours as will yield to no other

other Catharticks; they open Obstructions, resist the putrefaction of the blood, helps Agues, Feavers, Hppocondraick Melancholy, Scorbutick Distempers, and such as are infected with the Lues Veneria.

The Tincture being continually used, is good for all the aforesaid Diseases inwardly, outwardly it cureth all sorts of Ulcers of the body. Those of the Mouth, the Cancer, Fistula, Wolf, Noli-me-tangere, or any kinde of eating Serpentine Ulcers, such as continually run, or drop water, or the like.

Of Sulphur.

Flower of Sulphur.

SUlphur may be distilled by it self, but if to one part of Sulphur you adde two parts of Colcother of Vitriol, or common Salt, both powdered a part and then mixt, may be sublimed Flower far more excellent in Medicine.

Its Vertues.

It is a great Dryer, and is used in Diseases of the Lungs, *&c.* and for Wormes in Children, for Distillations or Catarrhs, for Scabs and Itch, *&c.*

To purifie the Flower of Brimſtone.

TAke one part of Flowers prepared, as before, two parts of common Salt, grinde and mix them well upon a ſtone, and add to them in grinding ſome Spirit of Salt, ſo that it may be like Paſte, which ended put it into a glaſed Pipkin, and pour to it ſo much fair water as will cover it ſix inches, boyl it (keeping it ſtirring with a ſtick) until two hours be over or more, then take it off and let it cool, and decant the water, and the white matter will ſettle, which if it be not white enough, put more Water, and Salt and Vineger, and Alume, and boyl it again until no Tincture riſe from the Brimſtone, but it remain pure and white, which after dry and keep for your uſe.

Its Uſe.

This is more purer than the Flower, by reaſon of its preparation, 'tis a great Diſſicature uſed in all kinde of Scabs, Itch, Boyls, Sores, old Ulcers, Ulcers of the Lungs, dryeth up defluxion that falleth upon the Breſt and Lungs, expels Flegm, kills Worms; for the Lungs or inward Diſeaſes, it may be given in any Syrup, or made into a Balſam, with Oyl of Turpentine. Outwardly,

wardly, it may be mixed with any Ointment Oyl proper, and ſo uſed, or with ſome Pomatum, or with Butter; The Doſe inwardly, is from a ſcruple to a dram.

Balſam of Sulphur.

TAke one part of Flowers of Brimſtone, and two parts of Oyl of Turpentine, put them in a Long Body, ſet it in Sand, make a fire under that is not very big, continue this for eight or nine hours, and then let it cool and decant your Balſam, keeping it in a Glaſs for your uſe.

Tincture of Sulphur.

TAke Balſam of Sulphur put in a Long-body, and put into it ſome Salt of Tartar calcined until it looks blew, and after for two hours melted in the fire, ſeparate all the Oyl of Turpentine by diſtillation to a dry Maſs, out of which in *B. M.* with Spirit of Wine extract a Tincture.

Its Vertues.

This Tincture is a good Diaphoretick, and likewiſe purgeth by Urine, it driveth out Surfets, the Small-pox, Meazels, helpeth Coughs, Catarrhs, Apetite loſt, driveth

veth out Gravel in the Reins, helpeth the Conſumptive, Ulcers in the Lungs; outwardly it cureth Itch, new Sores or old Ulcers; the Doſe inwardly to be taken daily is to fix drops, but to ſweat upon it, to one dram.

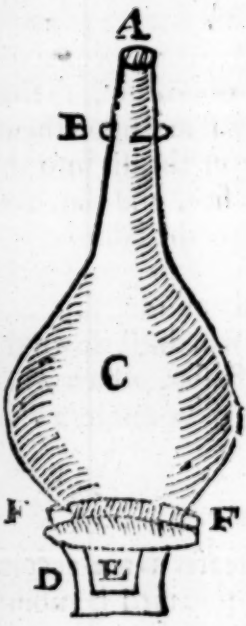
Tincture of Sulphur.

TAke one pound of Flowers of Sulphur, put it in a Long-body, place it in Sand, make a good fire under for ten or twelve hours 'twill extract a red Tincture, after coagulate the ſame Tincture into a red dry Maſs, which extract with Spirit of Urine; extract the Spirit of Urine again from the Tincture, par *B. M.* to blood red Liquor, which extract again with Spirit of Wine, and 'twill be of a fair redneſs, and of a yellowiſh caſt poured into any Liquors, and not unpleaſant.

Oyl of Sulphur par Campane.

THis Oyl of Sulphur is made in Glaſs, which opens at the Top in this Form following.

A *The*



A *The top of the Bell, or Campane, that the Flowers may pass, and to give a free passage for the fume to ascend and carry the spirits upward*

B *A Ring about the Glass, whereby it may the more facily be handled when hot.*

C *Represents the body of the Bell, which the Brimstone in burning must keep always very hot, else little Spirits will come.*

D *The Bason placed under to receive the Oyl, with some water in it, that the Spirits may not corode the Bason.*

E *The Earthen Vessel set in the Bason of water, containing the Brimstone to be burnt.*

FF *are square pieces of Glass, or Glass Bottles set upon the Brim of the Bason, upon which the Campane must stand, there must be three at least.*

To put this in use, you must take the Vessel

Veſſel *E*, fill it full of powdered Brimſtone, ſet it in the Baſon *D*, then let the ſquare piece *FF*, *viz.* three of them at equal diſtance upon the brim of the Baſon, ſo that the Bell may handſomly ſtand upon them, then with a red hot Iron thruſt into the Brimſtone, ſet it well a fire, and clap over your Bell *C*, taking of it off the Ring *B*, and ſtir it well with a red hot Iron, and when the Brimſtone is decayed or burnt, ſupply it with more; your Oyl will diſtil down the ſides of the bell into the Baſon, which when the diſtillation is ended, pour out in a glaſs and keep for your uſe.

Its Vertue.

¶ It is good in ſuch Diſeaſes as are accompanied with winde or putrified humours, or Melancholy; it giveth help to Feavers, Agues, quenches the preternatural thirſt; relieveth the ſtomach, diſſipateth tough Flegm, it cleanſeth the Reins, bringeth forth Gravel; It helpeth all Inflammations internal or external. It helpeth Wounds, Ulcers, Cancers, Noli-me-tangere, or any ſtinking, naſty, putrid Sores, and many other Diſeaſes.

The Third BOOK.

Of the Preparation of Metals.

Mercury Sublimate.

TAke of Mercury, of Vitriol calcined yellow, of decrepitated Salt, of each one pound, of Salt Petre 4 ℥ grinde and mix them well upon a stone, put them into a Retort, apply a Receiver luted, distil it with a small fire until all the Spirit be come forth, and the neck begin to look white take away the Receiver, stop the mouth with Cotten, and increase your fire for eight or ten hours more or till all be sublimed, if it be well done, 'twill be the same weight 'twas before or heavier, you may reiterate the sublimations as often as you please.

Red Precipitate.

TAke three parts of Spirit of Salt-Petre, and Vitriol or Aquafortis, and Spirit of Quicksilver, set it in Sand till it is dissolved; then urge the fire that all the Spirits be

be evaporated dry, then pour upon it ſo much more Aquafortis, diſſolve it and do as before; do this a third time, a fair red Precipitate remaineth, put this in a Glaſed earthen Veſſel that will hold no more, lute on a lid, and ſet it in a Sand Kettle for 24 hours with a ſtrong fire under, and then edulcerate and dry the ſame.

Its Uſe.

It is excellent for all old Sores which cannot be helped with other Medicines, it cleanſeth and healeth them; It eateth away all dead and proud Fleſh.

Turbith Mineral.

TAke two parts Spirit of Niter, ſix parts Oyl of Vitriol, and one part of Quickſilver, ſet it in Sand four hours, abſtract the Spirits, and the Mercury looketh ſomewhat yellow, do this three times with freſh Spirit and it will be at the higheſt, always making a ſtrong fire, at laſt dulcifie it with warm water until 'tis ſweet. *Its Uſe.*

It purges ſtrongly, and often provoketh to Vomit, it is uſed in the Pox, and the verrulent Gonorrhea. This Turbith may be made by Spirit of Sulphur, adding two parts of Oyl of Sulphur to one of Mercury.

White

White Precipitate.

DIssolve one pound of Mercury in two pounds of Aquafortis, and by addition of salt water precipitate it into a white Powder, pour the water by inclination, and that Precipitate wash with fair water until the Acrimony be lost, then dry it.

Its Vertues.

Its inward Dose is from six to twelve gr. it is especially used in venerial Diseases, it purges downward, and being mixt with Oyntment is used outwardly, by friction cureth the Itch.

Mercurius Diphoreticus.

TAke purified Sol. in thin Lamens one part, the mineral Eagle purified twelve parts, mix them acccording to Art into an Amalgama, put them into a retort of Glass, put upon the same twice the weight of the Amalgama of the sweet red Lyon, digest it twenty four hours and then distil it off until all the moisture be separated, make a strong fire at last, this done put as much more of the red Lyon, do this three times, and every time making the fire very strong, at the end

end take your Retort out, pour freſh water into it a great quantity, ſet it in Sand, and boyl the water, then decant it, and waſh it with more freſh water many times, and dry the ſame, pour upon it the ſpirit of Wine, ſtop it cloſe and ſet it in *B.* twenty four hours, then decant it and put on more, this do three times and 'tis prepared; If this be again put to its weight of the red Oyl, and three parts of good ſpirit of Wine digeſted in *B.* it reſolveth into a red Oyl.

Its Uſe.

It is a moſt excellent Medicine, the Doſe from 5 to 8 gr. uſe morning and evening, ſweating two hours upon it, in the Pox if any puſtles ariſe uſe the red Oyl of Calcothar, it cureth likewiſe the Gout, Dropſie, Pluriſie.

Purging Mercury.

IF from Mercury the Oyl of Salt be once abſtracted, it leaves a white Precipitate, which only purges downward.

Its Uſe.

It cureth the Pox, Gonorrhea, heals the Ulcers of the Bladder, and Throat, and radically cureth the Gout, and all Feavors, the doſe is 8 gr. if the Liquor of the whites of Eggs be three times abſtracted, and will be red and called *Arcanem Corallinem.*

Mercurius

Mercurius Dulcis.

TAke Quick-ſilver twelve ounces, of Mercury ſublimate one pound, grinde them together, adding by little and little the Quick-ſilver, and if you pleaſe add a little diſtilled Vineger, mix it ſo that no live Mercury appear, and it look blackiſh, then put it to ſublime in ſand in a Retort, for eight or ten hours, let it cool, cut off the Glaſs, and ſeparate the matter ſublimed from the fecies, and ſublime it once again by it ſelf.

Its Vertues.

This Medicine is much uſed in the French Pox, Gonorrhea; the Doſe from 15 to 30 grains in any proper Pill.

To make Mercury of Mettals.

TAke Saturn, Jupiter, or Luna, in thin Lamens, pour upon them diſtilled Vineger, and twice their weight of purified Salarmoniack and Salt of Tartar, let them ſtand ten or twelve days until they be diſſolved, and then diſtil them into a Receiver, holding fair water: but the beſt way is as the Mercury of Antimony.

Oyl,

Oyl, or Water of Mercury.

MElt Tin, and when 'tis almoſt coagulated add to it equal weight of Mercury or Quickſilver, which incorporate until they become a Paſte, which finely grinde on a ſtone, and add to it of ſublimate ſo much as it weigheth, work them together, and in a moiſt place they will reſolve into water, which diſtil par Retort, and keep the water for your uſe.

Its Vertues.

It cureth Cancer, Noli-me-tangere, eating Ulcers, and the like.

Arcanem Corallinem.

TAke of the red Precipitate one part, pour upon it fair warm water, ſtir it and waſh often until it be ſweet, put this ſweet Precipitate into a Retort, decrepitated common Salt half a part, and two parts of Spirit of Salt, ſet it in Sand, draw off the Spirit of Salt, and at laſt make the ſtrongeſt fire you can in Sand, for the Spirit of Salt will fix the Mercury, ſo as to be fit for Medicine, ſweeten the Precipitate with much warm water, and after reverberate it by it ſelf.

Its

Its Vertues.

It purges and cureth the Pox, and verruleth the Gonorrhea, the dose is to 8 gr.

Of Lead and Tin.

To calcine Lead.

MElt Lead in an Earthen Crucible, add to it thus melted its weight of Quicksilver, and then stir it till it become a Powder, which wash with Salt and Vineger and after with water till the blackness be extinct, and it become fair and sweet, then calcine it with Salt in a Reverberatory, and edulcerate the matter for 'tis prepared to make the Mercury.

To calcine Lead, or Tin.

MElt it in an Iron kettle and purge it well, and cast into the same a little Salarmoniack, increase the fire that the pan be red hot, then add one quarter part of prepared Salt, and one eight part of the calx of Vitriol and Petre, and keep it in a strong fire till it be rubified then dulcifie it.

Its Vertues.

This Calx is used in good success in Plaisters and Unguents for new and old Sores, and for Burns and Scalding.

To Calcine ♄ per se.

MElt Lead in a Leaden kettle, cleanse it from the Scoria or Dross, increase the fire that the Matter be red hot, continually stirring it with an Iron Spatula until 'tis reduced into a Calx, which search and reverberate into Minium.

To sublime Lead or Tin.

TAke one part of Calx of Lead, and one part of pure Salt-Petre, distil them according to Art, and you get pure white Flowers.

Its Vertues.

They are used in Unguents and Plaisters, to dry and heal, and appease all outward Inflamations, or where places are gal'd.

Laces

Lacca Virginis.

IF equal parts of Salt or Sugar of Lead, and ſalt Gem be diſſolved in Plantain-water, and afterwards mixt together makes a Milk that taketh away redneſs in the Face, Sun-burn, Morphew, Freckles, Pimples, Puſhes, or any Inflamations.

Salt, Spirit, and Oyl of Lead, or Tin.

TAke Letharge, pour upon the ſame good diſtilled Vineger in a Pipkin, boyl it over a fire for ſix or eight hours, that done put on more diſtilled Vineger, and boyl it again with the Fecies eight or ten hours, and then decant it to the other Vineger; theſe tinged Vinegers put into a Pipkin and evaporate the Vineger to a Skim or the halfpart, and ſet it in a cold place Chriſtal will ſhoot, and with a wooden ſpoon take them out; then boyl the remaining Liquor to a Skim, ſet it in a cold place Chriſtal will ſhoot, put theſe Chriſtals together, dry them and keep them for your uſe: but if you will make an Oyl then diſſolve theſe Chriſtals in freſh Vi-

neger, and proceed with boyling, and after chryſtalizing, until they are ſufficiently impregnated with the Salarmoniack of the Vineger, then digeſt them in *B.M.* until they be reſolved into a water, or liquor, which diſtil par Retort in ſand, and there will come over an Oyl of moſt fragrant ſmell, and a yellow Oyl at the top, and red Oyl at the bottom.

Its Vertues.

The Salt diſſolved in Roſe-water and dropt in the eyes, cureth Inflammations.

If upon the Saccarum Saturni, or Chryſtals, you digeſt Oyl of Turpentine, you extract a blood red Tincture, which is called *Balſam of Saturn.*

To make Glaſs of all colours, for the Inamelling of Rings, &c.

TAke one part of Minium, & three parts of Chryſtals, or Powder of Flints, ſet them in a Potters Furnace, and fuſe them into a Glaſs, which will be green or yellow; of this Glaſs, Venice Glaſs, aſhes of Jupiter, and the proper colours mixt may be made Glaſs diverſly, and ſuch as the Goldſmiths uſe, but the beſt Glaſs is mentioned before: as for the colouring of Glaſſes you may finde in another place. *Spi-*

Spirit and Oyl of Saturn.

IF Vineger of the Philoſophers be ſo often poured upon Letarge of Saturn, drying it every time, and ſo continuing inbibing and drying the ſame, until it will no more dry by a ſmall heat, which then put into a Retort, and diſtil a ſweet Spirit, and red Oyl, or Balſam.

Of Iron, or Steel.

Crocus Martis.

TAke of the Filings of Steel and Sulphur, of each equal parts, grinde or mix them well, and put them in a Crucible, ſet them in a Furnace in a naked fire, until the Sulphur be all burnt, which being ended, extract the Tincture with diſtilled Vineger, the Vineger again abſtracted leaves a red Crocus, which calcine in a Furnace for two hours, and waſh away the Acrimony with warm water.

Its Uſe.

The uſe of Crocus Martis is uſual to ſtop Fluxes of the Belly, Diarrhea, and Decentery. Externally uſed in Ointments and

Plaiſters, for the drying up Wounds or Ulcers. Note that if the Salt be not well cleared from the Crocus, then 'tis rather opening than binding; and Steel unprepared is better than that in the body.

Oyl, and Crocus Martis.

DIſſolving the Filing of Steel in Aqua-fortis, or diſtilled Vineger, and the Solution pour off from Fecies, and draw off the acid Spirit and the Crocus remaineth, which lay upon a ſtone in a cold and moiſt place, will reſolve it ſelf into a Balſam, or Oyl. *Its Vertues.*

It helpeth all coroding Ulcers, Fiſtulaes, Cancers, *&c.*

Crocus Martis.

TAke freſh Calx-vive as much as you need, and moiſten it with Urine until it be like Pap, take a Crucible at the bottom, make a lay of this lime, and upon it a lay of Steel-duſt, and ſo to the filling of the pot, and then firmly lute and ſet it in a Potters Furnace for 24 hours, then let it be beaten very fine and ſearſed, and after waſh away the Lime.

Oyl,

Oyl, or Tincture of Mars.

TAke one part of Crocus Martis, and three parts of Nitre, fuſe them very ſtrongly for four hours, which pour out in a Cone, and whilſt hot bray it, and extract the Tincture with Spirit of Urine, and after with Spirit of Wine; the half of the Spirit of Wine ſeparated leaves a good Tincture, ſafely to be taken in Fluxes of the Belly, without any danger.

Ens Mars, and Oyl of Mars.

TAke Crocus Mars, inbibe it with the water of Salarmoniack, two or three times a day before the fire, ſtirring it until it has inbibed its weight of Salarmoniac, then dry the ſame, put it in a Sublimetory, and by degrees of fire, yet at laſt very ſtrong, you may ſublime the Tincture, or Ens Martis, which you may extract with Spirit of Wine, and then the half part of the Spirit again abſtracted, leaves the true Tincture or Oyl of Mars, and a moſt excellent Medicine.

Salt, or Vitriol of Mars.

TAke one part of the Oyl of Vitriol, and two parts of common water, put it into a Long-body of Glaſs, and put therein your Powder of Steel, ſet it in a ſand-kettle, let it boyl till the Oyl will diſſolve no more, pour away that liquor, filter it through a Brown Paper, and put it into a ſhort Glaſs, ſet it in ſand, and make the flegm to evaporate to skin appearing, then let it cool, ſet it in a cold place green Chryſtal will ſhoot, take them out and dry them upon a filtering paper, the remaining liquor which did not ſhoot, you muſt evaporate again to a skin, and more Chryſtal will ſhoot, and do this till all the liquor be turned into Vitriol.

Its Vertues.

It is operative or opening very much, it opens the obſtructions of the Liver and Spleen, cureth the Green-ſickneſs, bringeth down Womens Courſes, helpeth the Jaundice; the Doſe is from one ſcruple to one dram.

Oyl, and Flower of Mars.

TAke of the Crocus Mars made with Aquafortis (but the Spirit muſt not be drawn

drawn off too dry) and pure Salt-petre, of each equal weight, mix them well and distil them, and there will come over flower very useful for Chyrurgeons, as you may read of the Crocus; but these flowers, the body being more opened by sublimation, are the more excellent for use. If the flowers of Mars, or any other Metal be dissolved in Aquafortis, and a like weight of Salt of Wine even sificated, dissolved in the same menstruum, these joyned together and distilled, the Mettal will come over in an Oyl.

Of Silver.

To calcine Luna with Mercury.

MAke Luna in very thin Plates or Lamens, then take off Mercury six parts make the Luna very hot in a Crucible, then take it off and pour into it the Mercury, stir it together until it be brought to a Powder, then add to it of common Salt that is decrepitated, set it to the fire again until the Mercury vanish, then edulcorate the Matter, and 'tis calcined.

To calcine Luna with Aquafortis.

DIſſolve Luna in Aquafortis, to one part of Luna take three of the water, ſet it to diſſolve in aſhes by a very ſmall heat, which pour off in a Glaſs or Glaſed Pan, and upon this ſolution put a great quantity of Salt water, and your Silver will turn into white Curds, which will precipitate and fall to the bottom; which waſh well with fair water and a white Calx remains, which put up in a bottle cloſe ſtopt for your uſe.

Its Vertues.

It is uſed by Ladies and Gentlewomen as a moſt excellent Fucus to give an ornament to the Face.

Purging Chryſtals of Silver.

TAke one part of Luna and half a part of Mercury, with three times its weight of water made out of the cold Earthen-Salt, ſet them in Sand, let the Matter diſſolve in in a gentle heat, then ſeparate the ſolution and draw off the Spirits to a skim, and chryſtal will ſhoot like Allum-ſtones.

Its Vertues.

These are uſed from ſix to five grains in Pills

Pills for to purge the head, and to cure the Venerial Diseases.

Chrystals, or Vitriol of Luna.

TAke the water of Niter, dissolve in the same your Luna, separate it from Fecies if any, abstract the one third part to a skim, set it in a cold place and Chrystal will shoot, which is the true Vitriol of Luna.

Its Vertues.

It may be very safely used inwardly for purging the Body in Diseases of the Brain: but it is very bitter and therefore not toothsome; its dose is to twelve grains, it may be put to a little water of Walnuts, and it will dy the Hair black; If it were made with Aquafortis made of Vitriol, and the Luna pure without mixture of other.

Of Venus.

Crocus Veneris.

TAke thin plates of Copper and Sulphur a like proportion, lay them *stratum super stratum* in a melting Pot, cover it close and set it in an open fire until the Brimstone be all burnt, then take it out, the Plates will

grow

grow thick and like a black Cruſt, powder them in a Mortar, and waſh them well with warm water ten or twelve times, and then dry them, and with diſtill'd Vineger extract a blew colour; from whence abſtract all the Vineger, and a Crocus remains, which reverberate by it ſelf in a Crucible, and ſweeten it with warm water.

Crocus Veneris.

TAke thin Plates of Copper, and in a earthen unglaſed Pot lay them *ſtratum ſuper ſtratum* with decrepitated Salt, let the Salt be firſt and laſt, ſet it in an open fire by little and little, till at laſt it be red hot, caſt them then out in a Veſſel of cold water, and cleanſe the Plates from their blackneſs, and ſalt and dry them, and with Salt again calcine them and caſt them in cold water, then let the water wherein the Plates were quenched be mixed with hot water, waſh them from blackneſs, and the Crocus will be left at the bottom very red; which waſh very well, and grinde to a moſt ſubtile Powder.

Crocus Veneris, and Verdigreece:

TAke good Calx Vive as much as you need, and moisten them with Urine until it be like Pap, put some of the Pap at the bottom of your Pot, and then your Copper Plates, and after your Lime till the Pot be full, let the Lime be uppermost, lute on a head and set it in the Potters Furnace for twenty four hours; then take out the Matter and beat it to most subtil Powder, and wash away the Calx Vive with warm water, and dry the remaining Matter and keep for your use.

Its Vertues.

This Crocuses are used by Chyrurgions to make their Stiptick Plaisters, and to mix with Unguents, in venerial Sores.

Amalgama, Honey, Salt, Vineger and Lamens of Venus, and calcine the same, and all the Venus will be converted in Verdigreece.

Corrosive Oyl of Venus.

TAke Plates of Copper or Crocus Veneris pour upon the same good Spirit of Salt, and extract the greenness; if any Fe-

cie

cies remain ſeparate them, and from the diſſolved Body draw off in *B.* the Spirit of Spirit, and a green maſs remaineth, which placed upon a ſtone will reſolve in a cold and moiſt place into green Oyl.

Its Vertues.

It cureth all old Ulcers, Fiſtulaes, Cancers, Noli-me-tangere, or ſtincking putrified Ulcers, and any venomous Sores.

Ens Veneris.

TAke reverberated Crocus, make it moiſt in a earthen diſh with Spirit of Wine, and let it dry before the fire, do this ten times and then mix them with equal weight of Salarmoniack, which after ſublime three or four times by it ſelf, and you obtain a yellow golden Powder, of the ſame uſe as the former Ens Veneris.

Flowers of Venus, or Copper.

TAke Venus that has been diſſolved in Aquafortis, and it again ſeparated almoſt to a dryneſs in *B.* grinde them with equal weight of Salt Petre, and diſtil them according to Art, and you obtain a great many Flowers.

Its

Its Vertues.

These Flowers are used in the same manner as the Crocus, in Plaisters and Unguents, but more effectual.

Salt, or Vitriol of Venus.

TAke Verdigreece powdered (beware of the fumes) pour upon the same distil'd Vineger, and extract the Tincture, separate the coloured Vineger, and put on more Vineger, extract the Tincture as long as any will arise; these coloured Spirits pour together, and draw off the Acitum to a skin arising on the top; then set it in a cold place Chrystal will shoot, which take out and evaporate the Vineger as before to skin, more Chrystal will shoot; take them out and proceed as before until all the Tincture be converted into Vitriol, this Vitriol eight or ten times extracted with fresh Vineger, and then dstilled, it yields a red Oyl, which turn Mars into Vitriol.

Its Vertues.

They are used inwardly in Gonorrhea, outwardly used for the Itch or Scabs.

Of

Of Gold.

To Calcine Gold with Mercury.

TAke eight parts of Mercury, set it in a fire in a Crucible till it begin to smoak, then take it off and add one part of thin pieces of Gold, stir it until you see no more Gold, then set it to the fire again, and stir it so long until all the Mercury evaporate, take out the Powder of Gold and grinde it with its weight of decrepitated Salt, put it in a Crucible, and set it to calcine again for a few hours, then take it out and wash away the Salt, and a yellow Calx remains, keep for your use.

To purge and calcine Gold by Aqua Regis.

PUt one ounce of Gold, and one dram of Gold, into three parts of Aqua Regis, dissolve it in warm sand, the Luna will descend in a black Calx, and lye at the bottom of the Glass, decant the Aqua Regis containing the Gold, and precipitate it with Oyl of Tartar, or Spirit of Salarmoniac, or put in so much Mercury as will dissolve that water, and the acid Spirits will forsake the Gold

Gold and diſſolve the Mercury, the Gold falling to the bottom in a yellow Calx; but if that water is not ſufficient to diſſolve all the Mercury you put in, you muſt add more. This yellow Calx thus purely purged, waſh well with Rain-water, and after dry in the ſun, or before a ſmall heat of fire.

Purging and exalting Gold by Cementation.

TAke of Gold, of Copper, of each one ounce, melt them together, and caſt them in an Ingote, beat them in thin Lamens, put them in ſtrong diſtilled Vineger, for 24 hours, then take Tyles powdered, Salt purified, and decrepitated, Vitriol rubified and diſſolved in diſtilled Vineger, which coagulate and calcine it again. Of Verdigreece diſſolved in Vineger and coagulated, and Salarmoniack purified and diſſolved in diſtilled Vineger, as much as there is of the other Powders, make theſe Powders moiſt with the Armoniack Vineger, and make a lay of this Paſte in the pot, then a lay of your Gold and Copper, and again a lay of Paſte, until the pot be full, let the uppermoſt be the Powder; Lute on a Lead with a hole in the middle, ſet it in a Potters Furnace for 24 hours, and then take

it

it out, ſeparate the matter from the plates, and do this ſeven times with new powder, melting the Gold with new Copper, and your Gold will be ſo much augmented in Colour or Tincture, that if it were melted down with its weight of Silver, yet it would be at the height of Gold in colour, and like fine Gold.

If Gold be heated red hot, and quenched ſeveral times in the water where new melted Lead has before been often quenched, it will be augmented in its weight.

Tincture of Gold.

TAke of Gold purged as before, one part, and ſix parts of Mercury, make it into an Amalgama, and to it adde two parts of common Sulphur, put it into a broad pan over a fire, and let it evaporate, continually ſtirring it, and let it be a ſmall fire, 'twill at laſt be brought into a Calx, which you muſt reverberate ſtrongly, and then powder it; to this Powder add three parts of Aqua Regis, ſet it to diſſolve in ſand for three or four hours, and the Solution decant and put on more water, and extract the remainder, which decant and put to the other; ſet theſe Solutions in a Long-body, with

with a Still-head luted set it in *B. M.* with a Receiver fast luted, make a small heat for 24 hours, and then draw off the Spirits, cohobate them seven times, then let it stand in digestion nine days, and again draw off the Spirits to an Olitie, then add fresh Spirits, digest them 24 hours, separate the Fecies, if any be, and abstract the Spirits to a specitude, set them in a cold and moist place, Chrystal will shoot, take them out and abstract more Spirit, more Chrystal will shoot; do thus till all the Gold is converted into Chrystals, dissolve these Chrystals in distilled Rain-water, and add to it three parts of Mercury purged, shake it about many colours will appear, and the Amalgama fall to the bottom, and the Water will clear up; take the Amalgama, wash it well with water and dry it, put it in an earthen Vessel, evaporate the Mercury, stirring it continually, and a purple coloured powder will remain, which extract with the Animal Mercury, and there will arise a blood red Tincture, which decant from the Fecies, after the Tincture is extracted, put them in digestion close stopt for eight or ten days, then draw off the Spirits two or three times in *B. M.* the Calx remains as red as blood; which extract once again with well recti-

rectified Spirit of Wine, and you have the true Tincture of Gold, not to be paralel'd by any other Medicine.

Its Vertues.

The vertues of this Medicine is great, and generally to be used in all Diseases of what rank soever; It preserveth health & strength of the body, keeping it free from Diseases, until old age, and not that onely, but the most violent and malign Diseases, as the Leprosie, Gout, Dropsie, Apoplexy, Epilepsie, Hypocondraick Melancholy, the Lues Venerea, the Asthma, Ptisick, Inward Imposthumes, and all other Diseases either Cronick or Accute. The Dose is to seven or eight drops in some convenient Spirit, and so sweated upon the same in bed.

Oyl of Talck.

TAke English Talck commonly called Spade, beat and searce it into most subtil Powder; take thereof twelve pounds, pour upon the same good distilled Vineger, let it overtop it a hands breadth, set it in *B. M.* stir it with a stick three or four times a day, and let it stand so about eight days, and the Vineger will be tinged yellowish, decant the same and put on more, and set it

it again in digestion until it hath again got a Tincture, this do three times, and then put the tinged Spirits together, and draw away the Vineger in a small heat of *B. M.* until it drop no more, until the remainder be dry and of a white Mass; which put into a Retort, and in Sand make fire by degrees for forty eight hours, distil off a white water and red Oyl, reserve each by it self; the Fecies calcine for eight days, and then with distil'd Vineger extract the Salt, which filter and congeal so often until it be pure white, and Chrystaline you may know when the Fecies will yield no more Salt by the whiteness of the Vineger; if this Salt be ground upon a stone, and be put into a earthen dish and inbibed with the white Oyl, stirring it with a stick three or four times a day, and covering it with a cloath, and this inbibing be continued until it hath drawn the double or tripple weight of the white Oyl, in such wise that being cast upon a red hot Plate of Venus, it disparses it self in fumes; then sublime the same, and you attain a foliated white Earth, which will have a great brightness, and perspecuity, than can be seen in the most rich oriential Pearls, which hath admirable faculties and properties; this close luted set in *B. M.* will resolve

solve it self in a most clear transparent white Oyl, or in a cold and moist place.

Its Vertue.

This above all others is the most excellent Fucus in the world, for without doing the least prejudice to nature, it maketh the old age look young and lively, it taketh away all Wrinckles, Morphey, Sun-burn, Spots, or other such like defects at once or twice using at most, by onely anointing the Face.

Of the colouring of Glass.

FOr a Sea green take from four to six gr. of the red calcin'd Venus, with one ounce of Glass; the Iron in the same proportion or to ten grains, maketh a yellow, or Jacinth colour.

Silver calcin'd and precipitated as before from Aquafortis, edulcorated and dryed, whereof to six grains added to one ounce of Glass, make a mixt colour.

Gold precipitated with Liquor of Flint edulcorated and dryed, whereof from grain four to thirty grains in one ounce of Glass maketh a most elegant Saphire; from three to six grains of the Rube mentioned in the treatise of Antimony, be added to one ounce

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of Glaſs, it giveth a moſt perfect Rube colour, Magneſia Parlaerized from ſix to fourteen grains maketh an Amathiſt; The Tincture of Lapis Calaminaris giveth a yellow colour.

The beſt way for the calcining of Metals, for the colouring Glaſs, and for painting.

TAke the filings of thin Lamens, or filings of Copper, add to it twice as much Mercury, and grinde them upon a Marble, with ſome diſtil'd Vineger, and ſome Salt, and they will come into a Maſs, then waſh away the Salt and Vineger with common water till the Maſs be bright as ſilver, but ſoft: then ſet it in a gentle heat all night, it will be hard, then grinde it with a little Quickſilver more, (and not too much that it may be very liquid) and ſet it in a gentle heat again until it be very hard, and this work reiterate till it will drink up no more Quickſilver; then are the Filings burſt in Attomes; then evaporate the Quickſilver in a Crucible with a gentle heat firſt, and after make it red hot, ſo will the Copper be in a red Powder; this red Powder muſt be ſtamped in a Marble Mortar, with warm water, and ever as the warm water is coloured

loured red, it must be poured into a Jar Glass, and new water put to it, and so the work must be reiterated until it will colour the water no more, then let the water stand all night till the Copper be settled at the bottom, then pour off the clear water and dry the rest in the Sun, or by a gentle heat and it will be as fine as any Wheat-flower, which may be ground upon a Painters Marble stone with Gum water, until a Painter may paint with it, or it will serve to mix Glass, and to give it what colour you please according to the nature of the Metal or Mineral.

Thus (courteous Reader) having finished my present intended work, if thou bestow so much labor as to read this Book, and put it in practice, I wish thee as to my self, good success in all thy lawful and godly indeavors, and so commend both them and thee to the Lord.

FINIS
MVSEVM
BRITAN
NICVM